THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LI NUMBER 1 JANUARY 1998

EBARC Meeting

January 9, 1998
7:00 p.m.

Cliff Warrick, N6DLA
"Amateur Radio and
Emergency Preparedness"

The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald Ave., Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

OAKLAND, CA 94619 PM 24 DEC 1997

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FIRST CLASS MAIL

Ronald A. Smith, KE6HKQ
2643 Emma Dr.
Pinole, CA 94564

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for February issue: Jan. 27

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

4Cs / EBARC Holiday Dinner

The 4Cs / EBARC holiday dinner on December 14th was attended by 80 - 90 people. The food was good, and the company was wonderful. The 4Cs and EBARC clubs installed their 1998 officers. Greg Small, KD6SXH, passed the EBARC President's gavel to Roger Nelums, KE6SZG. John Wood, Marion Millar, Sharon Primbsch, Gordy Parsons, and Gayle Jones round out the EBARC officer list for 1998. Greg Small and "Burgie" Jones, KE6MSF, each received certificates honoring their terms as past Presidents. A medal was awarded to outgoing 1st Vice President, David Brandon, KG6FR, to honor his outstanding series of programs for our general meetings.

The committee members and helpers were Ray Gillett, KF6FU; Donna Mae Gillett; Barbara Grazer, KD6OKJ; Robbie Robinson, N6MNL; Stan Clark, KB6SEI; and Burgie Jones, KE6MSF. Harry Bier, WA6TNI; and his wife, Olga, led us in singing. They all did a great job. There were lots of gifts for the drawing. Ham Radio Outlet donated two "QRZ" CDs to the drawing, for which we thank them.

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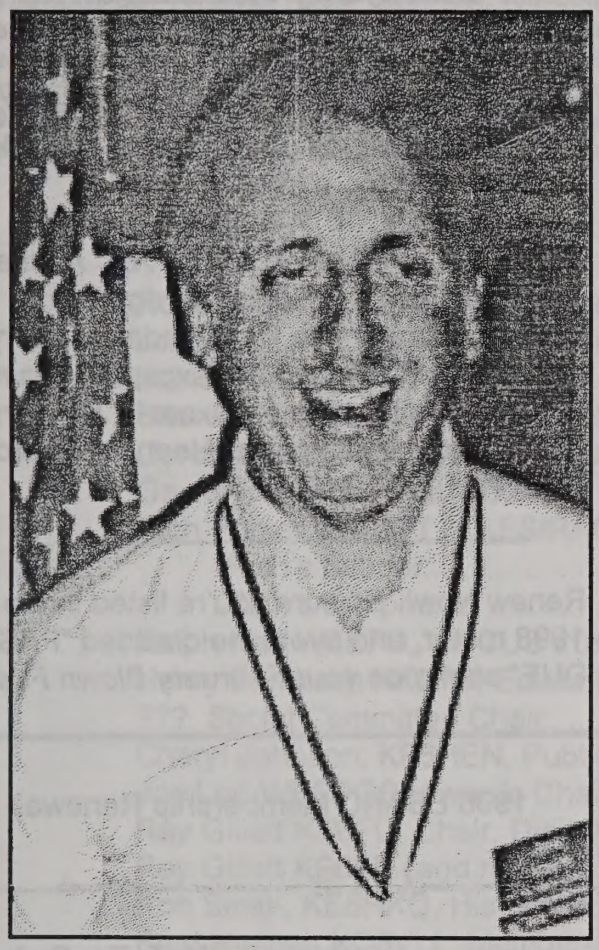
Message from the President
Roger Nelums, KE6SZG

Happy New Year to everyone. I am so excited to be President this year, that I can hardly contain my enthusiasm. I look forward to working with all of you. I want to thank you for your support. I have a lot of ideas I'd like to present over the next year, and I sincerely believe we will have a great year at East Bay Amateur Radio Club. If I can be of assistance, please let me know. I look forward to seeing all of you at the next meeting. Merry Christmas. Have a safe and Happy New Year.



David Brandon, KG6FR, with his medal for outstanding service as 1st Vice President

ARES / RACES News
Rich Parker, KD6JCT

If you are a RACES member who has *not* filled out a new information sheet in the last month or so, please contact me at 237-2777. I'm collecting new information for everyone so that I will be current and so we'll all have a new, accurate roster. I'll also need to see your existing RACES card, so bring it with you. Thanks.

January's EBARC Program
John Wood, KF6HFA

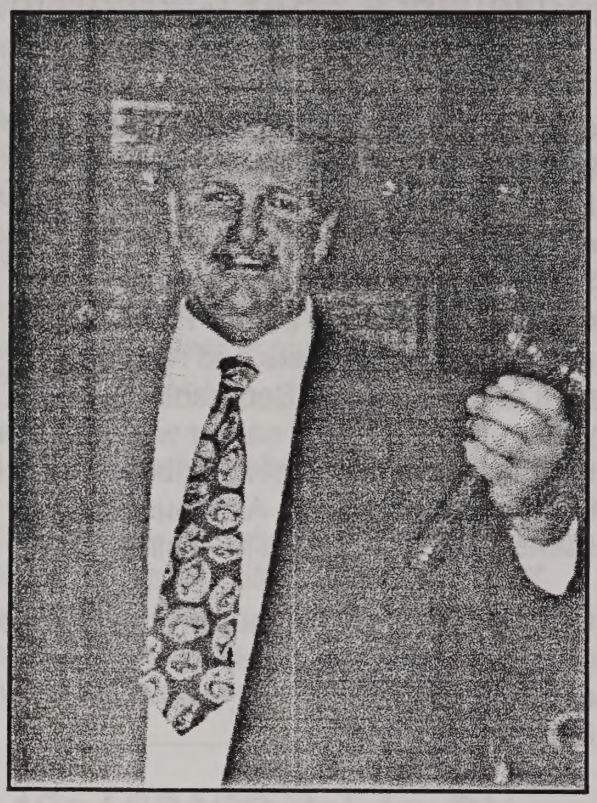
Clifford J Warrick, N6DLA, is the Office Emergency Services Coordinator for Solano County. He is responsible for the emergency planning and training for the Solano County Operational Area. He recently retired from the Air Force after serving nearly 30 years and reaching the rank of Chief Master Sergeant. Over 20 years of his Air Force career were spent in the Emergency Management business. He holds a General Class Amateur Radio license and has been a ham since 1977.

Cliff will talk to us in January about amateur radio and emergency preparedness, covering personal, family, and community issues.

Resistor Color Codes
Ivan Sturman, WB6PIV

The following mnemonic for remembering the resistor color codes is reprinted from the December 1997 issue of "73 Amateur Radio Today."

mnemonic	color	value
Big	black	0
boys	brown	1
race	red	2
our	orange	3
young	yellow	4
girls	green	5
but	blue	6
Violet	violet	7
generally	grey	8
wins	white	9



Roger Neiums, KE6SZG, accepting the EBARC President's gavel for 1998

Free Stuff!
Alan Craddock, WB6DXZ

I'm giving away a Commodore computer, an EGA monitor, a TNC, a 100 Kc frequency standard, and other odds and ends. This may help to get you started with packet. Call me at 530-3911 of you're interested.

EBARC Roster Update

- **NEW ADDRESS:** Tom Bradner, KE6ZWQ, has moved to 5 Owlswood Dr., Larkspur, 94939-2145.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is Jan. 4th. For more info, contact Henry or Sharon at (510) 741-8227.

Renew Now! Be sure you're listed in the 1998 roster, and avoid the dreaded "PAST DUE" stamp on your February *Blown Fuse!*

1998 EBARC Membership Renewal

Name

Call — License Class (circle): N T T+ G A E

Street

City, State, Zip

Phone (include area code)

ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular ☐ Family

Additional family member name, call, and class

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1998 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Roger Nelums, KE6SZG, President.....222-3672
John Wood KF6HFA, 1st VP - Program Chair.....234-0527
Marion Millar, KF6BYM, 2nd VP - Hospitality Chair.....526-0856
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor 741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair...785-4290
Gayle "Burgie" Jones, KE6MSF, Secretary 222-3672
Rich Parker KD6JCT, ARES/RACES EC - West CoCoCo. 237-2777
Rich's beeper:.....873-7363
Rich's cell phone: 499-4557
Ralph Hall W6EFD, W6CUS trustee / Club Station Chair.....232-0727
Henry Primbsch KK6PH, Education Chair 741-8227
??? Social Committee Chair .....
Cheryl Johnson, KF6HEN, Publicity Chair.....222-9315
Joe Lee WB6DOB, Awards Chair.....724-0533
Ray Gillett KF6FU, Chair, Digital and RFI Committees 799-5221
Ray Gillett KF6FU (and helpers), Field Day Chair 799-5221
Ron Smith, KE6HKQ, Historian 724-5099
Fred Nieman KC6VLL, Member-at-Large 223-1748
Leo Lewis WA6ZFV, Member-at-Large 233-5034

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME		FREQ, MHZ
EBARC Slow CW Net	Weds	2030		21.115
EBARC SSB Net	Weds	2100		28.395
No. Calif. VHF National Traffic System Net	Daily	2030		145.210
Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		147.57s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Elmers Net	Thurs	2000	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930		145.410
"Going Home Group"	Mo-Fr	1600	(PL 82.5)	145.110

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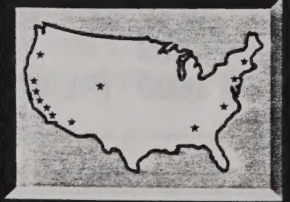

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THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LI NUMBER 2 FEBRUARY 1998

EBARC Meeting

February 13, 1998
7:00 p.m.

Larry Hogue, W6OMF
"Weak Signal Operation"

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at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
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Deadline for March issue: Feb. 24

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Message from the President
Roger Nelums, KE6SZG

Hello everyone. Well we survived the first EBARC meeting with myself as President. I'm glad that pressure is off me. I sincerely hope this year will be a fun and prosperous one. We are working on putting some fund-raisers together, but more plans will be coming as it develops. If anyone has any suggestions, please let me know. I'd love to hear them. I look forward to seeing you all at the next EBARC meeting.

Sincerely 73

If you have the dreaded, red "PAST DUE" stamp on the front of your *Blown Fuse*, we think you haven't renewed for 1998. If this is the case, you will *not* be listed in the 1998 roster. Contact Treasurer Gordy Parsons at 785-4290 before February 5th to correct the situation, if necessary.

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February's EBARC Program
"Weak Signal Operation"
John Wood, KF6HFA

Larry (Lawrence) Hogue, W6OMF, is the current president of the Western States Weak Signal Society (WSWSS). It's a society of hams dedicated to the furthering of weak signal operation, particularly 6 meters and above. It is also interested in the preservation and protection of the weak signal portions of the ham bands from threats by Little Leo satellites, spread spectrum, and encroachment by FM use.

Larry became a ham in 1975 in Abilene, TX, and immediately discovered weak signal work. When he moved to California in 1981, he continued his weak signal ham activities, retiring from the Air Force in 1994. He is a member of that elite group of hams called Rovers or Mountain Toppers,

who find high places in rare grid squares and set up a station.

When he is not in the shack or on a mountain top, he volunteers for *Assist-a-Grad*, a group that raises scholarship money for seniors, and *Fisher House*, a group that finds the money to support a 7-bedroom home for critically ill patient's families while they visit at the David Grant Medical Center. In his spare time, he is the house-husband in a relationship with his wife of 27 years, Sue, WB5UYW, who as Dr. Susan Hogue, is the principal of a Fairfield middle school.

ARES / RACES News
Rich Parker, KD6JCT

Saturday morning, January 24th, there was an ARES/RACES training session in Pittsburg. The subject was emergency net control of the four types of nets; command, resource, tactical, and health/welfare. EBARC members present were Ginny Summerer, KF6HEX; John Wood, KF6HFA; Henry Primbsch, KK6PH; and Sharon Primbsch, AA6XZ.

There will be another ARES/RACES training ("Message Center and Shadowing") on Saturday February 28th, from 9 to 11 a.m. at either the EBARC club station or at the nearby Red Cross building.

The inside back page of *The Blown Fuse* now contains a box of ARES/RACES information, including a set of numbered frequencies. In an emergency, if anything (including a jammer) prevents communication on one frequency, ARES/RACES members should go to the others listed. This way, the frequency itself need not be discussed over the air at the time of the problem. Net Control could say "Go to frequency #2," for instance.

Wanna Learn CW?
Jamie Wasson, AB6WJ

We would like to get an estimate of how many people wish to take a class to learn either 5 wpm (Novice, Tech+) or 13 wmp (General) Morse Code. The class would last about 5 weeks, and would meet 1 to 1.5 hours two evenings a week. You'd have practice at home between classes. Please send e-mail to photo@dnai.com or call me at 510-548-0606 as soon as possible, to let me know of your interest. We'll need several students in order to offer the class at all.

General Meeting Minutes
January 9, 1998
Gayle "Burgie" Jones KE6MSF

The meeting was called to order by President, Roger Nelums at 7:30 p.m.

Sharon requested that, if you have not already done so, please renew your membership.

John Wood stated we will consider having a special event station, perhaps in April, celebrating our 50th anniversary.

Joe Lee is taking orders for badges.

Ray Gillett reminds us to remember Field Day. June is just around the corner.

Gordy Parsons gave a Treasurer's Report. Gordy stated that 90% of our membership has renewed.

Our guest speaker tonight was Clifford J. Warrick, N6DLA. He is the Emergency Services Coordinator for Solano County. His presentation was very interesting. We enjoyed it very much.

The meeting was adjourned at 8:50 p.m. for the raffle.

Treasurer's Report
November, 1997
Gordon Parsons, NU6W, Treasurer

NOVEMBER INCOME

New Members: KF6OGA, KF6JRO, KF6LGE $60.00
1998 Family Renewals: W6DOB/KJ6OP, KF6OGC/KF6HFA, KF6BYN/KF6BYM, KF6FU/Donna, KD6OKJ/N6MNL, KC5IDS/KM5NO 144.00
1998 Renewals: W6EFD, KF6IHW, AC6QV, WB6VEX, KB6LHR, WA6ZFV, N6LFW, WD6AKC, KE6EUA, N6SPY, KF6KWJ, W6QNT, KE6OFP, KD6SXH, KO6CX 300.00
Raffle Ticket Sales**: 54.00
Flea Market Proceeds**: 491.00
Coffee Kitty: 12.45
Station Fund**: 20.30
Total November Income $1,081.75

NOVEMBER DISBURSEMENTS

Blown Fuse Postage $39.04
Blown Fuse Printing 47.85
City of Albany (room rental) 40.00
Refreshments (M. Millar) 17.09
Pacific Bell (W6CUS Oct/Nov) 32.30
Total Nov. Disbursements $176.28

BANK OF THE WEST ACCOUNTS

Checking (General Fund) $1,138.98
Savings (Station Fund*) $1,783.76

**$565.30 deposited into Savings.
*$429.23 belongs to the General Fund.

Treasurer's Report
December, 1997
Gordon Parsons, NU6W, Treasurer

DECEMBER INCOME

1998 Membership Renewals: WB6DXZ, KC6SCQ, KF6KWH, WA6FDF, KE6ZWN, WA6OUO, KK6UE, N6WVR, KE6HKQ, KD6AGA, N6AVB, AB6BVB $240.00
Family Renewals N6EEG/N6UYO, KF6HEV/KF6HEP, KG6FR/family, N6ASB/Marjorie, and W6NGE/Eileen 120.00
Total December Income $360.00

DECEMBER DISBURSEMENTS

Blown Fuse Printing $39.68
Blown Fuse Postage 39.40
Total Dec. Disbursements $79.08

BANK OF THE WEST ACCOUNTS

Checking (General Fund) $1,419.90
Savings (Station Fund*) $1,783.76

*$429.23 belongs to the General Fund.

Treasurer's Report
January, 1998
Gordon Parsons, NU6W, Treasurer

JANUARY INCOME

1998 Membership Renewals: KE6ZWO, KE6YNI, AA6YE, KE6ZWN, ... $80.00
New Members: AB6WF, KF6OBQ 40.00
Family Renewals KO6XP/AB6WJ 24.00
Coffee Kitty: 9.00
Station Fund: 16.75
Flea Market Sales: 25.00
Total January Income $194.75

JANUARY DISBURSEMENTS

Blown Fuse Postage $41.28
Blown Fuse Printing 29.55
Labels: 23.26
Pacific Bell (W6CUS Jan) 16.26
Medallions (Joe Lee) 10.83
Refreshments (M. Millar) 24.67
City of Albany (room rental) 40.00
Albert Wohlers insurance (equip.) 193.50
Albert Wohlers insurance (group) 266.00
Total Jan. Disbursements $645.35

BANK OF THE WEST ACCOUNTS
Checking (General Fund) $1,146.05
Savings (Station Fund*) $1,607.01

*$429.23 belongs to the General Fund.

Not everyone has paid their 1998 membership dues. Please pay if you have it. The Executive Committee needs to have a good working knowledge of our financial resources to best make plans throughout the year.

A Letter to the Membership
John Wood, KF6HFA

As many of you are aware, it was suggested that it would be a worthy effort to operate a Special Event Station to celebrate our 50th year of existence. As Program Chair, it falls to me to organize such an event. As I am a recently licensed ham and know very little about contesting, I had to do some investigation into what makes up a Special Event Station project.

As I began to investigate the details of doing a Special Event Station, I quickly came to realize that it was not a simple matter to execute. It consists of three basic steps: (1) preparing for the time when the station is on the air, (2) operating the station, and (3) sending the QSL cards and/or certificates to those hams with whom we communicated during the station operation.

In many ways, a Special Event Station is like Field Day except that you don't have to lug all the equipment somewhere and make it work. It would require a staff of people to manage the logistics (food, record keeping, station operation and maintenance, etc.) before during and after the event.

The simplest station would be a single transmitter, operating on a single frequency for about 4 hours by a single individual. A more elaborate station would have four or five continuously operating transceivers on several ham bands for two or more days, operated around the clock and supported by a staff of cooks and replacement personnel. The choice is up to us.

In any event if we choose to do it, it is necessary to petition the ARRL for authorization to operate a Special Event Station. This may include the granting of the use of a 1X1 callsign just for the occasion. It is also necessary to inform the other ham operators that might be interested in our event that it is happening and how our operation will proceed.

By now, I hope that you realize that it will take many people to commit to the project depending on the size of the station, (about six people per 24-hours per transceiver for station operation alone). In order that we make the right decision about doing this thing, I plan to discuss the feasibility of the project at the next meeting. Your enthusiastic support will go a long way toward making it happen. In the meantime, if you have thoughts or would like to volunteer early, please give me a call.

Proposed EBARC Club Station Access Rules

[The text below was tentatively approved at the January 2, 1998 Executive Board meeting. It will be discussed and voted upon at the February 1998 general meeting. - Editor]

1) Application for club station access shall be available to those who have been club members in good standing for a minimum of six (6) months, and have attended at least six (6) meetings. At the discretion of the Executive Committee, exception may be

made for applicants who do not meet the foregoing criteria, but are well known to a member of the Executive Committee who will vouch for the otherwise ineligible applicant. Application for club station access shall be made to the Club Station Chairperson (see the Blown Fuse for that person's identity and phone number.)

2) All applicants shall be instructed by the Club Station Chairperson (or his/her designee) in the proper operation of the station security doors and the electronic surveillance system. They shall also receive instructions from the Club Station Chairperson (or his/her designee) in the operation of that radio equipment which the applicant requests, but only to the extent of the operating privileges allowed by the applicant's license. In the event the applicant later upgrades his/her license, further instructions may be given in accordance with the applicant's added privileges.

3) Instructions as described above shall continue until the applicant and the Club Station Chairperson (or his/her designee) are satisfied with the applicant's competence in the operation of the club station security system and radio equipment.

4) Members granted access to the club station may operate only that radio equipment on which they have been instructed, and only to the extent of their personal license privileges. However, if another club member holding higher privileges is present, they may operate the equipment to the extent of that member's privileges, provided that 1) the member holding the higher privileges has met all requirements herein, and 2) the member holding the higher privileges agrees to act as control operator as provided by FCC regulations.

5) Applicants shall reimburse the club at the time an entrance door key is given to him/her for the cost of the key. No duplicates of such keys shall be made by other than the Club Station Chairperson. In the event it becomes necessary to change the security door key (e.g. for security reasons), such change may be made without prior notification to keyholders. In such an event, keyholders shall reimburse the club for the cost of their new key.

6) Each member entering the station shall sign in and out on the log located at the station entrance door, and shall be responsible for station and equipment security while on the premises.

7) Any member under the age of 18 who is granted access to the club station must be accompanied by a parent or guardian.

SATERN Volunteers Needed
Bob Garfat, KF6LGE

The *Salvation Army Team Emergency Net* (SATERN) is a nationwide amateur radio organization sponsored to support Salvation Army logistics in an emergency. It's intent is as a supplement to ARES/RACES. Locally, 2 meters is typically used, and HF is in the planning stages. If you're interested, please call me at 243-1181.

Looking Back
Ron Smith, KE6HKQ, Historian

The following article appeared in the December 1978 Blown Fuse. It was reprinted from "Ham Radio Report"

RUSSIAN AMATEUR SATELLITE

Russia's "RS" satellites are up and operating after a successful launch late Thursday, October 26. According to a TASS news release on Friday, three satellites, two Amateur (dubbed "Radio-1" and "Radio-2") and one in the COSMOS scientific series COSMOS-1045, were put into orbit at the same time. Specifics on the Russian amateur space effort were still vague at (Ham Radio Report's) press time, with little "hard" information as yet offered by the Russians. Beacon signals have been heard from both satellites at about 29.400 MHz, and at least one transponder was in operation throughout the weekend (Oct. 28-29), with a number of Amateurs in both North America and Europe working through it. However, since Sunday night (Oct. 29) only one beacon, apparently that of Radio-1, has been heard.

The orbit of the RS satellites is considerably higher than that of any of the OSCARs, about 1050 miles. This should increase range 300-400 miles, and passes should be three or four minutes longer than those of OSCAR-7. According to an RS-relayed announcement monitored in Europe on 29.380 MHz, the uplink is 145.88-145.92 MHz with a 29.36-29.40 MHz output. According to last weekend's users, 10 watts ERP puts a good signal into the RS transponder, while a 50-watt ERP signal apparently overloads and shuts it down. RS's period Is slightly over 120 minutes, and its equatorial inclination about 83 degrees, resulting in an orbit-to-orbit increment of just over 30 degrees. Orbits are opposite in direction to those of the OSCAR spacecraft, descending on evening passes and ascending in the morning for US listeners. As the day-to-day shift in both time and position is quite small, it's easy for a listener to predict future signal acquisition and loss parameters for his location after copying one or two passes. Satellabes and OSCAR Locators can be used for a fair approximation of an RS orbit if they're used backwards, placing the end of orbit point at the equatorial crossing point.

The RS beacon signal sends 15 words of telemetry data, followed by "RS" for Radio-1 and "RS RS" for Radio-2. "P01U CI3U F42U Z41U L82U B45U H38U OO1U W63U KO1U UO1U GOIU R13U DO1U S50U RS" was an RS telemetry group copied at mid-week. Analysis and interpretation of RS's telemetry is being done, so telemetry transcripts should be sent to AMSAT, Box 27, Washington, DC 20044.

The RS-1 Russian Satellite's transponder is supposed to be available 24 hours a day except for Monday and Wednesday, when it's limited to experimental and scientific use, according to an article in the October 29 *Soviet Patriot*, translated by K3KWJ / HB9BRQ. The Soviet paper gave extensive front-page coverage to the Russian amateur space effort, though it omitted any reference to AMSAT's prior amateur satellites and implied that the Russian effort was a "first." UA3DV, control operator at the satellites' Main Command Station, UK3ACM, was quoted as saying that though the two Russian birds share the same frequencies, they're quite different in construction - without going into much detail on those differences. One significant difference he did mention was their power sources, leading to the conjecture that one may have only battery power while the other includes solar panels for battery recharging.

Further details have been provided by UK3ACM during contacts with G3IOR. Both the "RS" and "RS RS" ID are from Radio-1, the "RS RS" meaning the transponder is operating. The new birds are designed for only 3 watts ERP uplink (Russian "Technicians" are limited to 5 watts), while 8 watts or more will overload

and cut it off. Once shut down, it must be reactivated from the ground, perhaps explaining why it's been so unavailable from the US (Ed. note—This and the preceeding paragraph were included in later issues of *HR Report*; therefore, the facts differ from those reported earlier in the article. This fact is because more information was learned at a later date. Normally, we don't devote so much space to an *HR Report* article, but because it concerns a new Amateur satellite, we thought it would be worthwhile for general reading.)

Still more RS satellite data has been provided by Soviet satellite command station RS3A to G3IOR, meeting on 29280 just after an RS pass. RS3A coordinates satellite experiments on RS's Wednesday passes, and there's a growing suspicion that RS's Saturday Sunday ON days and Wednesday experiment days are Moscow time, which is three hours ahead of GMT. RS3A provided a detailed explanation of the telemetry data, which is quite extensive, and confirmed that "RS RS" and a telemetry frame suffix letter "W" indicate the transponder is ON. RS3A is looking for telemetry reports, sent to his attention at Box 88, Moscow, U.S.S.R,

(from issues 226, 227, & 229 of HRR.)

EBARC Roster Update

- **NEW VE:** Congratulations to Ken Horne, KE6ZWN, the latest member of the EBARC Volunteer Examiner Team.
- **NEW ADDRESS:** Kenneth Astl, KE6ZWP, moved to 4326 Valley Ave., Apt. G, Pleasanton CA 94566-5564.
- **NEW ADDRESS:** Charles Fraits, K6HAR, has moved to 1850 Pandora Ave., Apt. 5, Los Angeles CA 90025-5063.
- **NEW MEMBER:** Patrick R. Mitchell, AB6WF, has an Extra license. He lives at 2431 Ellsworth St., #309, Berkeley, 94704-2168. His phone is 843-2669, and e-mail is patrick7@ix.netcom.com. His main ham interest is UHF. He also likes computers.
- **NEW MEMBER:** Anthea K. Engle, KF6OBQ, has a Technician license. She lives at 2241A 8th St., Berkeley, 94710. Her phone is 486-1605, and e-mail is anthea@adventure-center.com.
- **NEW MEMBER:** Bob Garfat, KF6LGE, lives at 4600 Appian Way, El Sobrante, 94803. His phone is 243-1181. Bob has a Technician license and his ham interest is "talking". He also likes stamp collecting, auto building, and people.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- The Naval Postgraduate School ARC is having its 7th Winterfest on Feb. 21, 1998 in Monterey. Contact Doug McKinney at kc3rl@mcktech.com or (408) 663-6117, or visit the Web site http://www.mcktech.com/wf98.htm.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is Mar. 1st. For more info, call (510) 741-8227.

Reminder: when you are in the EBARC Club Station, please leave the W6CUS-1 packet BBS alone. It has been off the air occasionally due to unknown "adjustments".

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1998 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Roger Nelums, KE6SZG, President.....222-3672
John Wood KF6HFA, 1st VP - Program Chair.....234-0527
Marion Millar, KF6BYM, 2nd VP - Hospitality Chair.....526-0856
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor 741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair...785-4290
Gayle "Burgie" Jones, KE6MSF, Secretary 222-3672
Ralph Hall W6EFD, W6CUS trustee / Club Station Chair.....232-0727
Henry Primbsch KK6PH, Education Chair.....741-8227
Vern Orme, AA6YE - Social Committee Chair.....233-4504
Cheryl Johnson, KF6HEN, Publicity Chair.....222-9315
Joe Lee WB6DOB, Awards Chair.....724-0533
Ray Gillett KF6FU, Chair, Digital and RFI Committees. Also Field Day Chair (with helpers!).....799-5221
Ron Smith, KE6HKQ, Historian 724-5099
Fred Nieman KC6VLL, Member-at-Large 223-1748
Leo Lewis WA6ZFV, Member-at-Large 233-5034

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME		FREQ, MHZ
EBARC Slow CW Net	Weds	2030		21.115
EBARC SSB Net	Weds	2100		28.395
No. Calif. VHF National Traffic System Net	Daily	2030		145.210
Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		147.57s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Elmers Net	Thurs	2000	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930		145.410
"Going Home Group"	Mo-Fr	1600	(PL 82.5)	145.110

ARES/RACES EC - West CoCoCo. Rich Parker KD6JCT home: 237-2777, beeper: 873-7363, cell phone: 499-4557. Frequencies: #1=145.110-, #2=147.570s.

Look for the HRO Home Page on the World Wide Web http://www.hamradio.com

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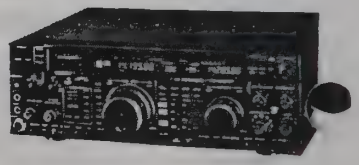

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THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LI NUMBER 3 MARCH 1998

EBARC Meeting

March 13, 1998
7:00 p.m.

Ronald Ross, KE6JAB
"South Pole Trek"

The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald Ave., Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for April issue: Mar. 21

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

March's EBARC Program
John Wood, KF6HFA

March's speaker is Ronald Ross, KE6JAB. He lives in San Francisco, and he and his wife made a trip to the South Pole during the time that Henry Primbsch was there. Ron is active in Packet Radio and Satelite Packet as well. During his treck across the snow, Ron sent pictures and text back to his buddies, who put the data onto the Internet. To see some examples of his work, point your Web Browser at: http://www.thistle.org. His presentation will cover the trip itself as well as the aspects of working satelites, especially from the South pole region. Ron is also interested in amateur rocketry and ATV. If time permits, he will share some of his experiences in those fields as well.

[EBARC Board and net lists will not be printed this month to allow for mailing of the 1998 roster- Editor]

Message from the President
Roger Nelums, KE6SZG

Hello everyone. We certainly had an interesting meeting with past month with Larry Hogue, W6OMF. Larry is the president of Western States Weak Signal Society. He works mostly with 6 meters and above. He presented us with slides of some of the trips he has taken. It was a very interesting presentation.

We are looking forward to our next meeting with you all. As Ray says, "Don't forget Field Day. It is just around the corner." See you all soon.

ARES / RACES News
Rich Parker, KD6JCT

At the beginning of calendar year 1999, the Contra Costa County Sheriff will ask for re-certification of all RACES members. At that time, current badges will be void. I'll keep you informed about this process.

This would be a good time to check your RACES manual. The last set of updates is dated 10/95. If your manual shows an earlier date, contact me. The manual is in the process of being updated again, and will eventually be available electronically.

If you need to contact me in an emergency, I'm usually monitoring 147.57s (PL 82.5).

Wanna Learn CW?
Jamie Wasson, AB6WJ

If you're interesed in a class to learn either 5 wpm or 13 wpm Morse Code, we still want to know about you. E-mail ASAP to photo@dnai.com or call 510-548-0606.

General Meeting Minutes
February 13, 1998
Gayle "Burgie" Jones KE6MSF

The meeting was called to order by President, Roger Nelums at 7:31 p.m.

Minutes for the January 9th meeting were approved as printed in the *Blown Fuse*.

Ralph Hall reported that Adah Fryman donated to the club station a monitor for use with the keyboard to keyboard packet.

Ralph distributed copies of the proposed club station access rules. Ray Gillett proposed wording changes such that it is clear the member must hold a valid FCC Amateur Radio License. Sam Watson moved that the new wording be adopted. The motion was seconded by Bob Uhrhammer. The motion passed.

Henry Primbsch reported that there's no schedule yet for CW class. He also reported that most hams can now renew their licenses via the FCC's Web site. Details will be published in the *Blown Fuse*.

Ray Gillett discussed Field Day, to be held June 26th through 28th. There was a discussion of proposed locations (Cesar Chavez Park, Camp Herms, Albany Hill). Some members volunteered to investigate the sites, and we'll choose the location at the next general meeting.

Sharon Primbsch read communications from John Percival and from the Heard Island DXpeditioners. She reminded everyone to renew in the next day or two so the club roster (to be sent with the March *Blown Fuse*) will be complete.

Joe Lee stated that if anyone is interested in buying a club polo shirt, it will cost $21 plus $3 s/h. XXL is $22.50 plus $3 s/h.

John Woods led a discussion to see if club members would be interested in having a "50th Anniversary Special Event Station." It was so moved by Bill Wong, WA6ODB, and seconded by Bob Uhrhammer. Ray, KF6FU, made an amendment that we make the special event in August. The motion was seconded by Robbie, N6MNL, and passed. The original motion also passed. Then Cheryl, KF6HEN, made a motion to hold the event any time after Field Day. It was seconded by Mark, WI7YN, and passed. John Wood recorded volunteers for the Special Event Station Committee.

John Wood also encouraged everyone to watch the *Blown Fuse* for information about your station that you'll need to bring to the April meeting.

Gordy Parsons reported that we are short of membership cards, so some members will get them late.

Rich Parker stated that if you're a RACES member who has not yet filled out a new application, please contact him so you can do so. Rich announced a Feb. 28th RACES training meeting 9-11 a.m. at the Richmond Red Cross. It will cover Shadowing and other things. You can sign up for RACES at this meeting.

Vern Orme needs members for his Social Committee. Some possible activities are a 50th birthday party and a picnic. So far, Adah Fryman, Cheryl Johnson, and John Blohm have volunteered. Vern presented "esteemed EBARC couple" Marion and Peter Millar with a certificate good for chocolates. A special "happy birthday" was wished to Gerry White.

Sam Watson thanked Bob Blohm for helping with the ham class he's teaching at Ohlone School.

John Wood introduced our speaker, Larry Hogue, W6OMF, who talked to us about weak signal operation.

The meeting adjourned at 9:38 p.m. for the raffle.

W6CUS Club Station Report
Ralph Hall, W6EFD

Several club station keyholders have expressed reluctance to visit the station for fear of activating the security alarm system. They find it confusing to systematically remember the security code and also locate the proper keyboard numbers. Such fears can be put to rest by affirming the code numbers firmly in mind immediately before opening the door (i.e. repeating the numbers several times, including the keyboard *ENTER* key). Should any keyholder so desire, I would be pleased to meet with them and practice the alarm disarming procedure until they are comfortable. Call me at 232-0727.

W6CUS Special Event Station

On February 17th the 50th Anniversary Special Event Station Coordinating Committee met. Committee members, their titles, phones, and e-mail addresses are:

- **Event Coordinator** Don Hamma, KE6ZFP, 526-6823, hamma1@llnl.gov.
- **Personnel Manager** Bob Uhrhammer, WB6VEX, bob@seismo.berkeley.edu, 525-1447.
- **Station Manager** Henry Primbsch, KK6PH, jhp@apollo.ssl.berkeley.edu, 741-8227.
- **ARRL Interface Manager** John Wood, KF6HFA, kf6hfa@juno.com, 234-0527.
- **Event Historian** Sharon Primbsch, AA6XZ, aa6xz@juno.com, 741-8227.
- **QSL Manager** open, but temporarily filled by Sharon Primbsch and perhaps John Wood.

The Committee listed tentative tasks and partitioned leadership of them out amongst themselves. It was decided that we can operate from several sites, not just the W6CUS club station. One site under discussion for UHF/VHF is Mt. Diablo. The shacks of EBARC members are other possibilities for event sites.

It was agreed that the W6CUS call sign would be used by all event operators. Those hams we contact will be given a commemorative QSL card if they send us a self-addressed, stamped envelope (SASE).

The Committee is proposing the weekend of August 29th-30th or September 26th-27th for the event. A 12-hour event on a Saturday was suggested. In order to announce in *QST* the event date(s), the duration, and which bands to operate, we need to know NOW what your participation will be. If you plan to operate, contact Bob Uhrhammer with the following information; the preferred date, which band(s) and mode(s) you wish to work, the duration of any work shift you'd operate, and whether you'll volunteer your shack. It's important that you identify yourself ahead of time (and not just show up on the event date).

The success of this event depends entirely upon ***YOU***, the EBARC club member! Bring all your suggestions to the March general meeting for discussion.

Joe Lee will order yellow club polo shirts only once in 1998. The cost is $25 ($26 for XXL) including shipping and handling. Joe needs your name, call sign, and the money no later than the March general meeting. Leave a message for Joe at 724-0533.

Ken Horne, KE6ZWN, wants to buy a frequency counter that goes up to 512 MHz. If you have one to sell, call Ken at 510-526-8349.

RACES Training Report
John Wood, KF6HFA

As was reported last month, several of us from West County RACES went to East County to take the course on Net Management. There, we learned about Resource Nets, which are used to collect a group of people together to be ready during an emergency and to possibly be called out to perform a service for some local governmental jurisdiction. We started a Resource Net on Tuesday, Feb. 3rd, which was the first day of the El Niño rains, and another starting on Thursday, the 5th (running through Saturday). A standby alert was announced on Thursday by the County EOC with an Incident name of: "Floods of 1998". The following 18 people made themselves available: Tom, AI3X; Ivan, WB6PIV; Marion, KF6BYM; Peter, KF6BYN, Joe, W6DOB; Chris, KD6IPD; Dan, KF6HQO; Bob KE6ZWO; Eric, KE6YNI; John, KF6HFA; Chet, AC6WF; Chris, N6JGC; Todd, KE6AXC; Paul, KD6NRD; Don, KE6ZFP; John, W6QNT; Chris, KE6HKP; and Rich, KD6JCT. John, KF6HFA, and Rich, KD6JCT, shared the Net Control responsibilities. Marion and Dan were actually called out to check water levels as requested by the County EOC. That was exciting for a while, but most of the time was spent managing net status and doing other things around the home. It was very good practice, and it may happen again over the next couple of months. The local RACES group wishes to thank the CCCC Repeater Group for the use of the Repeater during the standby incident.

Iris Colvin, W6QL, Silent Key

The other half of the world-famous Colvin DXpedition team, Iris Colvin, W6QL, of Richmond, California, died February 18th at her home. She was 83. Iris Colvin was first licensed in 1945 as W6DOD. She and her late husband, Lloyd Colvin, W6KG, traveled the world between the 1960s and the early 1990s, operating from more than 100 rare DXCC countries. Lloyd Colvin died in 1993. The couple had been married for 55 years.

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Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is May 3rd. For more info, call (510) 741-8227.

Look for the HRO Home Page on the World Wide Web http://www.hamradio.com

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Victory Blvd. at Buena Vista
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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LI NUMBER 4 APRIL 1998

EBARC Meeting

April 10, 1998
7:00 p.m.

"FCC RF Safety Compliance"
John Wood, KF6HFA and
Henry Primbsch, KK6PH

The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald Ave., Richmond.

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse.* Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for May issue: Apr. 21

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

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Looking Forward
Ron Smith, KE6HKQ

This month instead of looking back, I thought it might be interesting to take a look forward. Just what is it that I am looking forward to, you ask? I am looking forward to improved propagation on the HF bands. As more hams get on the air on the HF bands, they create lots of RF energy that is radiated from their antennas. Much of this RF reaches the ionosphere where it causes the molecules to ionize (hence the ionosphere) and this can cause the signals to bounce back to earth. Now if this was all that happened, the story would end here. However, nothing in science is as simple as this. In addition to ionizing the molecules in this area, some of the energy is sent off into space as what I like to call "earth wind". The "earth wind" that ends up reaching the sun is what causes sunspots. These sunspots seem to have some mysterious effect on humans. It has caused otherwise normal people to sit and talk into a microphone for hours at a time, causing them to miss out on meals, sleep, and lots of other fun things.

Since we are now in the early stages of sun spot cycle 23 and the average cycle lasts 11 years, by my calculations these cycles have been going on since around the time Benjamin Franklin started messing around with kites, keys, and lightning. It seems to me that it is hams and other electrical experimenters who are causing all these sunspots. I still haven't figured out why we operate in 11 year cycles, but I guess there are some things I am not supposed to understand.

See you next month when *Looking Back* returns. (P.S. If you are into puzzles, rearrange the following letters to make two words: RFLPOILOA)

Message from the President
Roger Nelums, KE6SZG

Hello everyone. We had a very exciting meeting in March. Ronald Ross, KE6JAB, reported to us about his trip to the South Pole. It was very interesting. If you are interested, you can see this site on the Internet: http://www.thistle.org.

There are two ham-related events upcoming during the next two months. The first one is a walk for Multiple Sclerosis. This event will be held April 19th. We need amateur operators. If you are interested, please contact Robin Fraatz.

The next event will The Grizzly Peak Bike Ride. It will be held May 3rd. If you are interested, please contact Rich Parker.

Field Day is coming soon. It is going to be very exciting this year. We have many ham operators that are participating. If you are interested in helping, please contact Ray Gillett or myself.

I hope to see everyone at the next meeting. Happy Easter to all!

April's EBARC Program
John Wood, KF6HFA

The subject of the April EBARC meeting will be "Compliance with the FCC RF Safety Rules". As you may know, starting in January of 1998, each ham, when sending a Form 610 to the FCC, must certify that an RF safety evaluation has been made on his/her station, and that it is in conformance with the FCC rules.

In order to help the club members comply with this requirement, the club will spend an evening helping the membership sort out the various vagaries of the compliance forms. *[The festivities will be led by John Wood, KF6HFA and Henry Primbsch, KK6PH. - Editor]*

In order to be prepared to fill out the forms (which will be provided), each person should bring the following information regarding each transmitter/antenna pair at his/her station.

1. Transmitter description (Manufacturer, Model Number)
2. External Amplifier description, if any (Manufacturer, Model Number)
3. Maximum Peak Envelope Power from Transmitter/Amp (in Watts)
4. Feed line type (9913, RG-8X, etc.)
5. Feed line length (in Feet)
6. Other Feed line Components (Balun, Connectors, Relays, etc.)
7. Antenna Description (Mfg., Model)
8. Antenna Gain specification. (in dB)
9. Emission type (CW, SSB, FM, etc.)
10. Actual Distance from radiating part of antenna to nearest place where a person can be present.
11. Operating Bands (10M, 40M, 2M, etc.)

W6CUS Club Station Report
Ralph Hall, W6EFD

Thanks to the support and generosity of the Executive Committee in approving the necessary expenditure, we have upgraded the club's old and very tired 386/16 keyboard-to-keyboard packet computer (recently retired from the club's packet BBS operation) to a 486, running at 100 MHz. Our thanks to President Roger, KE6SZG, for his engineering and workmanship in getting the job done.

Some of the needed parts were salvaged from the old computer, while some were purchased at a computer show where

prices are very attractive. It was found more feasible to replace the old table-top case with a mini-tower, which came with a new power supply already installed. There were a few donations to the project, but total expense to the club was $150.00, a real bargain for a computer with such capabilities.

After experiencing a great deal of trouble (to the extent of total frustration) with the packet program we were trying to use, the Executive Committee approved the purchase of a packet program, PKGold, which several of the club members, including myself, have found to be very reliable (it also contains a neat Field Day program). The PKGold program is now installed and working just fine with our upgraded computer. This, along with the VHF transceiver recently donated by John, WD6GGC, gives us a very fine keyboard-to-keyboard operation.

There's another advantage with the upgraded computer. We now have Juno e-mail capability at the club station, which will be at no expense to the club. The e-mail address is w6cus@juno.com. E-mail may be sent to the club, should anyone wish to do so. Incoming e-mail will be checked 2 to 3 times per week.

The computer contains Windows 95, Word Perfect 6.1, and other programs. Club members are, of course, welcome to use the upgraded computer for general computer usage, as well as for its packet and/or e-mail features.

Internet License Renewal

As of October, 1997, you can renew your ham license over the Internet. Go to http://www.fcc.gov/wtb/prod.html, then choose *Electronic Form 900 Renewal.*

Treasurer's Report
February, 1998
Gordon Parsons, NU6W, Treasurer

FEBRUARY INCOME

1998 Renewals: WA6TNI, WI6O, WB6PIV, KC6JXB, W6WTJ, KC6JAE, KC6ONS, KE6AXC, N6VIF, W6THD, N6PIX, KF6HEH, N6JGC, K6HVU, KD6JCT, WA6ODB, W1ZJ, KC6QZP, and K3MHD	$380.00
1998 Family Renewals: KQ6QH/KE6ZWU, KC6SOG/KD6PLM, WA6CCF/Michael, KC6VLL/KF6MVH	96.00
Refreshment Kitty Can:	3.50
Station Fund Can:	27.50
Raffle Ticket Sales:	57.00
Total February Income	$564.00

FEBRUARY DISBURSEMENTS

Blown Fuse Postage	$40.96
Blown Fuse Printing	53.47
Postal Box Fee:	40.00
Refreshments (M. Millar)	22.51
City of Albany (room rental)	40.00
Pacific Bell (W6CUS)	15.67
Total Feb. Disbursements	$212.61

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$1,686.79
Savings (Station Fund*)	$1,868.26

*$429.23 belongs to the General Fund.

Almost 90% of last year's members have renewed their memberships for this year. Let's encourage those that didn't, to "re-up" so they can be part of the fun we have throughout the year.

A selection of patches from past Field Days will be available at the April and May meeting. You'll want to have them ready to wear on your jacket for this Field Day!

Remember to feed the Kitty!

Treasurer's Report
March, 1998
Gordon Parsons, NU6W, Treasurer

MARCH INCOME

New Member: KE6I	$20.00
1998 Renewals: K6SRZ, W6JRZ, KC6QZP, K3MHD, KD6WNM	100.00
1998 Family Renewal: KC6VLL/KF6MVH	24.00
ARRL Renewals: KG6FR, KC6JCQ	62.00
Station Fund Can:	11.15
Coffee Kitty:	17.14
Raffle Ticket Sales:	39.00
Total March Income	$262.14

MARCH DISBURSEMENTS

Blown Fuse Printing	$28.58
Blown Fuse Postage	32.00
Roster Printing	33.00
Pacific Bell (W6CUS)	15.81
W6CUS Computer Supplies (R. Hall)	241.68
City of Albany (room rental)	40.00
Refreshments (M. Millar)	19.21
ARRL Renewals: KG6FR, KC6JCQ	58.00
Total Mar. Disbursements	$468.28

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$1,672.18
Savings (Station Fund*)	$1,676.73

*$429.23 belongs to the General Fund.

We have filed for an extension for this year's tax report. It will now be due in September. We are incorporated, but as we are an educational organization with certain limitations, donations to EBARC are not tax deductible. This was looked into when we incorporated several years ago.

Remember to feed the Kitty!

General Meeting Minutes
March 13, 1998
Gayle "Burgie" Jones KE6MSF

The meeting was called to order at 7:30 p.m. by President Roger Nelums.

The minutes from last month were approved as printed in the *Blown Fuse*.

John Billones is our new Member at Large.

Ray Gillett has relinquished his position as Digital and RFI Committee Chair.

Gordy states that 90% of last year's members have renewed their membership. Gordy has filed an extension for our income tax until September.

Henry Primbsch wants to let us all know that there will be a no-code class for Novice and Technician starting in May through June.

Ron Smith passed his Advanced test. Congratulations Ron.

Field Day was discussed. Captains are: SSB, Ron Smith; VHF/UHF, John Wood; Power, Roger Nelums; Novice, Ginny Summerer; and CW, Jamie Wasson. A Safety Captain is needed. More details will be coming soon on specifics.

Our Special Event Station for our 50th year will be held August 29th and 30th.

See Ivan Sturman for information about a battery charger kit.

Our guest speaker was Ronald Ross, KE6JAB, regarding his excursion to the South Pole. If you are interested in seeing

his South Pole trip on the Internet, the address is: http://www.thistle.org.

There will be a Grizzly Peak Bike Ride on May 3rd from 6:00 a.m. to 7:00 p.m.

The meeting was adjourned at 10:15 p.m.

Emergency Preparedness
Pat Caftel, KF6HEI

With floods, landslides, wildfires, and earthquakes, California seems to be a permanent *State* of emergency. When President Clinton recently visited the Bay Area to survey damage done by El Niño, he promoted comprehensive community emergency preparedness training programs like NEAT (Neighborhood Emergency Assistance Teams). He pointed out that every dollar spent on mitigation and preparedness saves at least two dollars on response and recovery.

The Federal Emergency Management Agency has estimated that if 10% of the population receives comprehensive training, injuries and damage can be minimized, and it will make a measurable difference in the ability of our communities to respond to and recover from a disaster.

With this goal in mind, the NEAT program offers residents of El Cerrito and Kensington essential preparedness information and skills in a free, 4-week course, including a hands-on Skills Session. The importance of emergency communications is included, particularly the role of Amateur Radio and RACES.

The next course is every Wednesday in May from 7:15 - 9:15 p.m., and the last Saturday in May from 8:45 a.m. - 1:00 p.m. The course is free, but class size is limited. Participants need to take the entire series, and reservations are required. To reserve, call Pat Caftel, NEAT Program Coordinator, at 525-7268.

Novice & Technician Class
Henry Primbsch, KK6PH

To help you prepare for the Novice and Technician ham license written tests, EBARC is giving a free class. Classes will be held at the Berkeley Fire Department Training Center, Cedar and 9th Street on seven Thursday evenings, from 7 p.m. to 9 p.m. Class dates are April 23rd & 30th; May 14th, 21st, and 28th; and June 18th and 25th. Students should get a copy of the latest edition of "Now You're Talking", an ARRL publication. For more information, contact me at 741-8227, John Wood at 234-0527, or Ivan Sturman at 524-9021.

June-ish CW Class
Jamie Wasson, AB6WJ

If you're interested in a class to learn either 5 wpm (for Novice or Tech+ licenses) or 13 wpm Morse Code (for General license), we still want to know about you. E-mail ASAP to photo@dnai.com or call 510-548-0606.

Help Wanted for MS Walk
Robin Fraatz, KE6MRH

Sunday, April 19 is the day for the Alameda MS Walk. The walk/ride/bike/skate is the main fund-raiser for the National Multiple Sclerosis Society. It will take place in Alameda Crown Beach Park (and in thousands of other locations across the nation on April 18th and 19th). Walkers will get pledges for their walk, and there are

3-5k, 10k, and 15k routes offered. ***RADIO COVERAGE IS NEEDED FOR THIS EVENT***. Hours are 8 a.m. to 3 p.m. This is a low-key way to practice your amateur radio skills for emergency preparedness, plus it gives the public a positive view of amateur radio. It should be a great day in a beautiful place. For more information, contact Robin Fraatz KE6MRH, 510-652-5102 (rfraatz@ix.netcom.com) or Chris Burgardt KQ6JZ 510-654-5971 (burgardt@ricochet.net). It should be a lot of fun!

ARES / RACES News
Rich Parker, KD6JCT

On Sunday, May 3rd from 6 a.m. to 7 p.m. is the Grizzly Peak Century Bike Ride. We need ham operators for sag units and for rest stops. The ride covers a large area, from Martinez to Castro Valley. Volunteers are needed for morning shifts and afternoon shifts. You could volunteer for both shifts if you like.

On Saturday, May 16th from 10 a.m. to 4 p.m. in Nichol Park, Richmond, is the Crime Prevention Fair / Police Community Relations Day. There will be a RACES booth (possibly shared with the Red Cross). The event will include continuous musical entertainment, children's fingerprinting, police demonstrations, K9 drills, firefighter demonstrations, a helicopter, and food. Come and visit, or help to run the booth for a while.

If you're interested in operating at either of these events, phone me at 237-2777, by FAX at 237-1446, or send e-mail to rparker688@aol.com.

The Mount Diablo Amateur Radio Club will need ham volunteers during two weeks this summer. One is for the California Police Olympics. The other is for the California Fire Olympics. Contact me for details.

W6CUS Special Event Station

The EBARC 50th Anniversary Special Event Station will be held the weekend of August 29th-30th. A 12-hour event on a Saturday was suggested. In order to announce in *QST* the event date(s), the duration, and the bands of operation, we *still* need to know NOW what your participation will be. If you plan to operate, contact Bob Uhrhammer with the following information; the preferred date(s) and time(s), which band(s) and mode(s) you wish to work, the duration of any work shift you'd operate, and whether you'll volunteer your shack. It's important that you identify yourself ahead of time (and not just show up on the event date).

Coordinating Committee members, their titles, phones, and e-mail addresses are:

- **Event Coordinator** Don Hamma, KE6ZFP, 526-6823, hamma1@llnl.gov.
- **Personnel Manager** Bob Uhrhammer, WB6VEX, bob@seismo.berkeley.edu, 525-1447.
- **Station Manager** Henry Primbsch, KK6PH, jhp@apollo.ssl.berkeley.edu, 741-8227.
- **ARRL Interface Manager** John Wood, KF6HFA, kf6hfa@juno.com, 234-0527.
- **Event Historian** Sharon Primbsch, AA6XZ, aa6xz@juno.com, 741-8227.
- **QSL Manager** open, but temporarily filled by Sharon Primbsch and perhaps John Wood.

Be prepared for an emergency (or for a regular net). Keep your batteries charged!

Three Stage Battery Charging

[The following is a reprint from The West Advisor, *by West Marine, Oakland - Ed.]*

Marine deep-cycle batteries will last the longest and charge the fastest if they are charged properly in three distinct phases.

1) Bulk Phase: Charging at a rate of up to 25% of a battery bank's amp-hour capacity. For example, a 200 amp-hour battery is charged in bulk phase at 50 amps. This brings the batteries to about 75% of full charge and is efficient, since a battery accepts more current when it is discharged. When the voltage rises to 14.4 volts, the charger switches into ...

2) Acceptance Phase: Maintains the battery at a precise voltage (generally 14.4 volts, 14.1 for gel batteries) while the current is steadily reduced. This restores the remaining 25% of your battery bank's amp-hour capacity. Your battery can be considered fully charged if it will accept only 2% of its amp-hour capacity at 14.4 volts: e.g. a 200 amp-hour battery accepting only 4 amps.

3) Float or maintenance phase: Voltage is dropped to 13.3 volts (13.7 volts for gel batteries) to maintain the batteries at a fully charged state without damage.

This type of battery charging is not possible using automotive type regulators, unregulated solar panels, ferroresonant chargers, or taffrail generators. We strongly recommend the use of modern, multiple-step charging devices to help extend the life of your batteries, while shortening the amount of time necessary to get a full charge.

EBARC Roster Update

- **E-MAIL ADDRESS CHANGE**: Joe Lee's (W6DOB's) e-mail address is w6dob@juno.com, and his packet address is w6dob@w6pw.nca.usa.noam
- **NEW MEMBER**: Cathryn Mataga, KE6I, who has an Extra class ticket. She lives at 1412 Addison St., Berkeley, 94702. Her phone is 510-848-5211, and her packet address is ke6i@n6eeg.
- **UPGRADE:** Ronald A. Smith, KE6HKQ, recently upgraded to Advanced.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, 510-447-3857, evenings.
- Grizzly Peak Bike Ride, May 3rd from 6:00 a.m. to 7:00 p.m. Contact Rich Parker, 237-2777, or e-mail to rparker688@aol.com.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is May 3rd. For more info, call 510-741-8227.
- EBARC 50th Anniversary Special Event Station, August 29th and 30th. Event Coordinator: Don Hamma, KE6ZFP, 526-6823, hamma1@llnl.gov.
- Valley of the Moon ARC annual hamfest, Saturday Apr. 25th, Sonoma Veteran's Memorial Bldg., 126 First St. West, Sonoma. Talk in 145.35 - , PL 88.5. For details, call 707-996-4494.
- Foothill Flea Market, 2nd Saturday of each month, March through October, Foothill College, Los Altos Hills.

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1998 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

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Leo Lewis WA6ZFV, Member-at-Large 233-5034
John Billones WD6GGC, Member-at-Large 237-1272

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME		FREQ, MHZ
EBARC Slow CW Net	Weds	2030		21.115
EBARC SSB Net	Weds	2100		28.395
No. Calif. VHF National Traffic System Net	Daily	2030		145.210
Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		147.57s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Elmers Net	Thurs	2000	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930		145.410
"Going Home Group"	Mo-Fr	1600	(PL 82.5)	145.110

ARES/RACES EC - West CoCoCo. Rich Parker KD6JCT home: 237-2777, beeper: 873-7363, cell phone: 499-4557. Frequencies: #1=145.110-, #2=147.570s.

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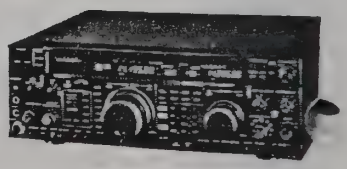

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THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LI NUMBER 5

MAY 1998

EBARC Meeting

May 8, 1998
7:00 p.m.

"Red Cross Disaster Action Services"
Rachel Lewellen, KB6LHR
and Leo Lewis, WA6ZFV

The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald Ave., Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

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1998

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for June issue: May 26

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

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Message from the President
Roger Nelums, KE6SZG

Hello everyone. As I am writing this article, it is just beautiful outside, which tells me we must be getting closer to Field Day. I always get so excited about it because it is my most favorite time in the club for activities.

We are in need of a 2nd Vice President due to Peter and Marion Millar leaving. If you or someone you know is interested in the position, please let me know.

Our class for Technician (no code) began on April 23rd. It is not too late to join us. If you are interested, please call Henry, KK6PH or John, KF6HFA. We'd love to see you there.

We will be having a club station work party in May. *[actually in June, due to a conflict with the Crime Prevention Fair - Ed.]* If anyone is interested, please come. We have a lot of fun, and Mom *[Molly Hall - Ed.]* always cooks something special for us hard workers.

Be safe. I hope to see you all at the May meeting.

General Meeting Minutes
April 10, 1998
Gayle "Burgie" Jones, KE6MSF

The meeting was opened at 7:30 p.m. by President Roger Nelums.

The minutes for the March general meeting were approved as reported in the April '98 *Blown Fuse*.

Education: No code Technician classes begin April 23rd. See Henry, KK6PH or John, KF6HFA if you're interested. If anyone is interested in learning Morse code or upgrading their code, please see or call Jamie Wasson.

Treasurer: Gordy stated that new membership cards are now available, created by John Wood. Members who have not yet received their cards will be receiving them soon.

Publicity: Cheryl, KF6HEN, is promoting interest in Field Day. A proposal to provide the *Now You're Talking* book to local schools was discussed. If anyone has any ideas, please contact Cheryl.

Fundraising: Ivan, WB6PIV, suggested that we consider having a swap meet fundraiser one Saturday a month. Kham "Tom", AI3X, said that the Hercules Amateur Radio Club has already decided to do this during summer. It was suggested that perhaps EBARC could alternate with Hercules or at least have a table at the sale. "Tom" will report back to us about the Hercules club's plans. Their club's web site is http://www.jps.net/ai3x/harc.htm.

Field Day: Ray, KF6FU, stated Field Day will be June 28th and preparations are being made. The Safety Captain this year is Rich, KD6JCT. Computer logging will be captained by Henry, KK6PH. Barbara, KD6OKJ, and Donna Mae Gillett will be in charge of food. Joe Lee, W6DOB, will handle traffic and messages. Bring your messages (including address, phone, and zip code) for people who live more than 50 miles away, to Field Day.

Club Station: Ralph, W6EFD, stated that the W6CUS packet BBS is not going so well at this time. We have a new keyboard-to-keyboard packet station, equipped with a program called PK Gold. On the same computer, we now have e-mail service to the club station. The e-mail address is w6cus@juno.com. We may be having a work party soon at the club station.

Public Service Events and ARES/RACES: Rich, KD6JCT. stated that enough operators volunteered for the Grizzly Peak Bike Ride May 3rd. Nichols Park will be the site of a crime prevention Fair on May 16th. There will be an ARES/RACES training for Site Operations and Call-Out Personnel Management April 25th, 8:30 a.m. - noon at 50 Glacier Dr., Martinez. We've been asked to help at the May 30th "Walk for Jesus" in Richmond.

2nd VP Needed: With Marion Millar leaving the end of April, there is a position available as EBARC Second Vice President. If anyone is interested, please let the President or someone else know.

Spectrum Preservation Bill: John Wood, KF6HFA, discussed a proposed bill before Congress that would preserve Amateur Radio spectrum. A motion was made, seconded, and approved that we send a letter with members' signatures to Congressman George Miller and Congresswoman Barbara Lee supporting this measure. John, KF6FHA, will be sending the letter.

Roger passed out copies of the EBARC Constitution and Bylaws to all the members who were interested.

The speakers this month were our very own Henry, KK6PH, and John, KF6HFA. Our topic was how to fill out the "Record of Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields for Amateur Radio Stations". John, KF6HFA, provided us with the worksheet. If you need a copy of this

form, please see me or the President. If you need help filling it, or if you have any questions regarding the form, please see Henry.

The meeting adjourned for the raffle.

More on RF Safety

Henry Primbsch, KK6PH
Sharon Primbsch, AA6XZ

During the presentation at last month's meeting, we didn't quite finish instructions for filling out the "Optional Worksheet ... Radiofrequency Electromagnetic Fields" form. As mentioned at the meeting, every ham is required to comply with the FCC's RF safety guidelines, and this worksheet is the easiest method of doing that for your station. This article is an extension to help you finish items 38-40 on that form (if you got past step 19 and find that you actually need do a "routine evaluation"). This is our attempt to make the remainder of the calculations easier for you. For full info, see the FCC's OET Bulletin 65 at www.fcc.gov/oet/rfsafety/welcome.htm.

At the meeting, we got far enough so you can calculate the *average power radiated* (item 37, line "S") for a frequency band for your station. Continue by using your values from line "S" and line "N" to calculate your *effective isotropic radiated power* (EIRP). Convert the watts value from line "S" to dBW by looking up the value from Table 1. If your power isn't listed, choose the next higher power. To the dBW value you found, add the value of your *lossless antenna gain* (item 29, line "N"). Convert the total dBW back to watts using Table 1 again. Estimate a wattage value if it falls between two dBW values listed. This wattage value is your EIRP. (There's no place on the worksheet to write it.)

Table 1: Watts / dB Conversion

Watts	dBW
1	0
2	3
3	5
5	7
10	10
15	12
20	13
25	14
30	15
40	16
50	17
80	19
100	20
150	22
200	23
500	27
1000	30
1200	31
1500	32

It turns out to be easiest to ignore item 38 (lines "T" and "U") temporarily, then calculate them later (if you wish). Continue by filling in values for distances from the radiating part of the antenna to the nearest uncontrolled and controlled places for your station (worksheet item 39, lines "V" and "W", respectively). Work with one of the distances, and repeat the calculation for the other. If necessary, convert a distance in feet to a distance in meters by dividing the "feet" value by 3.28.

Using your distance value in meters, calculate your *power flux density* (2nd column of item 40) in milliwatts per square centimeter. Multiply your EIRP by 0.204, divide the result by your distance, then divide *that* result by the distance again. Using the "R" for distance and "PFD" for the power flux density, the formula is:

$$PFD = \frac{EIRP \times 0.0204}{R \times R}$$

Compare your power flux density with the FCC's allowable exposure, as listed below in Table 2. (Choose the wavelength band and the density from the appropriate "controlled" or "uncontrolled" column of the table.)

Table 2: Maximum Permissible Exposure (power flux density) mW/cm^2

Band	Controlled	Uncontrolled
160M	100	49.9
80M	64	12.8
40M	17.6	3.50
30M	8.8	1.80
20M	4.4	0.89
17M	2.7	0.55
15M	2.0	0.40
12M	1.4	0.29
10M	1.1	0.22
6M	1.0	0.20
2M	1.0	0.20
1.25M	1.0	0.20
70cm	1.45	0.29
33cm	3.1	0.61
23cm	4.2	0.85
13cm	5.0	1.00

If your calculated power flux density is below that listed in Table 2, your installation (for the wavelength band in your setup) satisfies the FCC's RF safety requirements. You may want to add an extra column to the worksheet's table in item 40 to show the FCC's allowable value for the location. Repeat the power flux density calculation for the other distance ("V" or "W"). Then continue with page 4 of the worksheet, which is self-explanatory.

Since you can determine the safety of your installation without calculating the minimum necessary distance from the radiating part of the antenna (item 38, lines "T", and "U"), you need not fill in these lines. However, if you wish to find their values anyhow, you can use the following method. Again, first calculate the minimum distance for either controlled or uncontrolled space, then repeat the calculation for the other distance. We've rearranged the previous formula to calculate the minimum distance (in meters) for RF safety. The rearranged formula uses "Rmin" for the desired distance (item 38, line "T" or "U"), "MPE" for the *maximum permissible exposure* from Table 2, and "EIRP" for the value of *effective isotropic radiated power* you calculated previously:

$$R\min = \sqrt{\frac{EIRP \times 0.0204}{MPE}}$$

The computer program demonstrated at the April meeting will be improved. Then it will be installed on the keyboard-to-keyboard packet computer at the club station. Watch the *Blown Fuse* for the announcement.

Technician and CW Classes

Henry Primbsch, KK6PH

It's not too late to join the EBARC Technician class. Classes are held at the Berkeley Fire Department Training Center, Cedar and 9th Street on seven Thursday evenings, from 7 p.m. to 9 p.m. The first class was April 23rd. The others are April 30th; May 14th, 21st, and 28th; and June 18th and 25th. For more information, contact John Wood at 234-0527.

If you're interested in a June-ish class to learn either 5 wpm (for Novice or Tech+ licenses) or 13 wpm Morse Code (for General license), we still want to know about you. E-mail Jamie Wasson, AB6WJ, photo@dnai.com or call 510-548-0606.

Treasurer's Report
April, 1998
Gordon Parsons, NU6W, Treasurer

APRIL INCOME

New Member: Brenda Roberts	$20.00
1998 Renewal: KB6JZM	20.00
Refreshment Kitty Can:	14.00
Station Fund Can:	13.00
Raffle Ticket Sales:	47.00
Total April Income	$114.00

APRIL DISBURSEMENTS

Blown Fuse Printing	$49.58
Blown Fuse Postage	36.80
Computer IDE (G. Jones)	16.09
Refreshments (M. Millar)	14.95
City of Albany (room rental)	40.00
Pacific Bell (W6CUS)	16.46
Total Apr. Disbursements	$173.88

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$1,552.30
Savings (Station Fund*)	$1,714.64

*$429.23 belongs to the General Fund.

Got Field Day Patches? I hope to have Field Day patches from previous years at the May meeting. Visualize it! A lot of patches on your club jacket, and you, too, can look like a dude!

Remember to feed the Kitty!

May's EBARC Program
John Wood, KF6HFA

The speakers for the May meeting are our own Rachel Lewellen and Leo Lewis. They volunteer for the American Red Cross and function in the area of mass care, logistics, and communications. Rachel is the Disaster Action Team Coordinator working out of the Richmond office. Leo is a Disaster Action Team Leader and the Fleet Supply Coordinator for the Richmond office. They respond to national disasters both local and out of state.

Rachel has recently completed three weeks of mass care work in the Maine Ice Storm 1998. They both worked Hurricane Fran in South and North Carolinas and the Cal Coastal flood in 1998.

Rachel is the past ARES/RACES Coordinator for West Contra Costa County and was in this position at the time of the Loma Prieta Earthquake and the Oakland Hills Fire. Both Rachel and Leo have spent time in the California Dept. of Forestry Volunteers in Prevention Program.

A Letter from the Millars

Dear EBARC Members:

The time has come to bid you all farewell. As some of you know, our three years in the East Bay has come to an end and we have been transferred to the Lancaster/Palmdale area in Southern California to continue the research project.

We thank you for taking us in and making us so welcome. We enjoyed the club meetings, Board meetings, work parties, Field Day, VE sessions, picnics and lots of other parties. If it had not been for your welcome at our first club meeting, we may never have become hams at all. See what you all did (and how much you cost us!!!).

We hope to hear you on HF, UHF and VHF. 73!

Peter, KF6BYN; Marion, KF6BYM; Vivian; and Teresa, KF6OFZ Millar
42932 Staffordshire Drive,
Lancaster, CA 93534-6263

W6CUS Special Event Station

Here is the tentative "scoop" as suggested by the EBARC 50th Anniversary Special Event Station Committee. At the May meeting, we'll finalize everything. Come prepared with the time slot, mode, and frequencies you'd like to operate. It's important that you specify your intentions at this meeting (and not just show up at the event). If you must miss the meeting, give your info to Bob Uhrhammer, WB6VEX, bob@seismo.berkeley.edu, 525-1447.

Operating hours: 1900 UTC Aug 29th, 1998 to 0700 UTC Aug 30th, 1998 (noon to midnight PDT Saturday Aug 29th).

VHF/UHF FM simplex phone: 146.52 MHz and 446.00. These are the "Wilderness Protocol" frequencies. There will be no QSOs during "Wilderness Protocol" monitoring times, (August 29th 1:00-1:05 p.m., 4:00-4:05 p.m., 7:00-7:05 p.m., and 10:00 - 10:05 p.m. PDT). The committee is also concerned that this proposal would tie up "calling frequencies" when we could advertise some other frequencies. We'd like the club's feedback on this matter.

VHF/UHF SSB: 144.237 MHz and 432.075.MHz.

VHF/UHF 6 meters: Does anyone want to operate on 6 meters? Technicians (no code) could operate here. The AM calling frequency is 50.400; the SSB domestic calling frequency is 50.200; the national packet simplex calling frequency is 51.700; and the national RTTY calling frequency is 50.700. The FM simplex range is 51.100 to 52.000 (shared with repeaters). The CW subband is 50.0 - 50.1 (must have passed 5 wpm code test). For 6 meter SSB, 50.137MHz has been suggested. W6CUS does not have 6M capability, so someone would have to volunteer equipment.

HF SSB: All are in the General band, except the 10 meter frequency, which is in the Novice band:

80 meters - 3.870 MHz
40 meters - 7.237 MHz
20 meters - 14.237 MHz
15 meters - 21.370 MHz
10 meters - 28.370 MHz

The committee wants to know if you wish to also operate on 17 meters - 18.137 MHz or 12 meters - 24.937 MHz.

HF CW: All are in the Novice band, except the 20 meter frequency, which is in the General band:

80 meters - 3.700 MHz
40 meters - 7.135 MHz
20 meters - 14.120 MHz
15 meters - 21.175 MHz
10 meters - 28.250 MHz

Should we also operate CW on 30 meters? It's a CW-only General band.

We expect that, if necessary, the HF operations could all be from the W6CUS station with one SSB and one CW station operating simultaneously. Although certain club members don't have privileges on HF frequencies we're proposing, other members with the appropriate license could volunteer to be the control operator for them. The R7 antenna is the only one at W6CUS which can be used on 17M, 12M and 30M.

EBARC Roster Update

- **NEW MEMBER**: Brenda Roberts does not yet have her ham license. She lives at 5389 Hilltop Crescent, Oakland, 94618. Her phone is 510-655-1067. She is CORE trained and is interested in emergency preparedness.

ARES / RACES News
Rich Parker, KD6JCT

We have enough volunteers for the May 3rd Grizzly Peak Century Bike Ride. Thanks to everyone, and I'll see you there.

On Saturday, May 16th from 10 a.m. to 4 p.m. in Nichol Park, Richmond, is the Crime Prevention Fair / Police Community Relations Day. There will be a RACES booth (possibly shared with the Red Cross). Come and visit, or help to run the booth for a while.

On Saturday, May 30th from 9:30 a.m. to noon, we've been asked again to provide ham operators for the "March for Jesus" at the Richmond Civic Center.

We've also been asked to provide ham operators for the Boy Scout Walkathon, Saturday, June 6th from 7 a.m. to 5 p.m. in the Berkeley - El Cerrito Hills.

If you're interested in operating at these events, contact me at 237-2777, by FAX at 237-1446, or send e-mail to rparker688@aol.com.

Looking Back
Ron Smith, KE6HKQ, Historian

This article appeared in the November, 1979 Blown Fuse.

HAM RADIO SAVES GROUNDED YACHT

The 53 foot yacht *Skana* grounded about 250 miles east of Papeete Oct. I. WA6CUP was monitoring the Maritime Service Net on 143I3 when KA6HBQ broke in to say the yacht he was on, (the *Skana*) had run aground on Aratika Reef in the Tuamoto Group and appeared badly damaged. WA6CUP and neighbor W6TIO got San Francisco Coast Guard on the phone and was able to patch KA6HBQ thru to the Coast Guard.

The C.G. contacted the US Pacific Fleet H. Qtrs. and they advised the French Navy of the mishap. A French Naval vessel was able to reach the yacht the next day, and with the help of natives, was able to pull the yacht off the reef and make emergency repairs sufficient for the craft to proceed to a nearby port for repairs. The incident drew much media coverage and kudos for amateur radio.

Scanners for Sale

If you'd like to purchase either or both of two scanners (AR3000A and TR02006), call 510-615-2790 or send e-mail to dfbruner@webtv.net.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, 510-447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is May 3rd. For more info, call 510-741-8227.
- EBARC 50th Anniversary Special Event Station, August 29th. Event Coordinator: Don Hamma, KE6ZFP, 526-6823, hamma1@llnl.gov.
- Foothill Flea Market, 2nd Saturday of each month, March through October, Foothill College, Los Altos Hills.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, e-mail to w6cus@juno.com, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1998 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

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Leo Lewis WA6ZFV, Member-at-Large 233-5034
John Biliones WD6GGC, Member-at-Large 237-1272

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME		FREQ, MHZ
EBARC Slow CW Net	Weds	2030		21.115
EBARC SSB Net	Weds	2100		28.395
No. Calif. VHF National Traffic System Net	Daily	2030		145.210
Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		147.57s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Elmers Net	Thurs	2000	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930		145.410
"Going Home Group"	Mo-Fr	1600	(PL 82.5)	145.110

ARES/RACES EC - West CoCoCo. Rich Parker KD6JCT home: 237-2777, beeper: 873-7363, cell phone: 499-4557. Frequencies: #1=145.110-, #2=147.570s.

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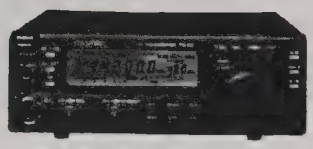

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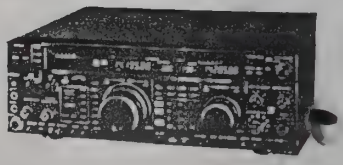

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QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LI NUMBER 6

JUNE 1998

EBARC Meeting

June 12, 1998
7:00 p.m.

Field Day Planning
EBARC members
(that means you!)

The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald Ave., Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

FIRST CLASS MAIL

Ronald A. Smith, KE6HKQ
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Pinole, CA 94564

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for July issue: June 23

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

Message from the President
Roger Neiums, KE6SZG

Hello everyone. Guess what? It is almost FIELD DAY! Can't you feel it in the air? Everyone is getting so excited about it. If you haven't already signed up to help on a committee and would like to do so, please let me know. I'm sure I can find something you'll enjoy doing!

I missed everyone at the last meeting since I was unable to attend. I look forward to seeing you all at the June 12th meeting. We will be discussing Field Day. We are also having a fund raiser. I hear we will be selling Nachos for $1.00 a bowl. I've tasted them and they are quite good!

At the June 12th EBARC meeting, there will be an election to fill the vacant 2nd Vice President slot. So far, the only nominee is Mike Camp, KI7FQ.

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W6CUS Club Station Report
Ralph Hall, W6EFD

As was discussed at the last club meeting, a work party day has been scheduled for Saturday, June 13, 1998. There are numerous projects to be completed, perhaps more than can be accomplished on that day. One project of high priority is to crank down and lay over the crank-up tower in order to make some modifications. Following that, what will be accomplished will depend on how many "volunteer craftsmen" turn out. If the turnout is light, we will prioritize the projects and finish as many as we can. In any event, lunch will be served as usual. The list of projects will be discussed briefly at the upcoming club meeting.

We are very pleased with the present performance of the club's packet bulletin

board equipment. After several weeks of being "broken down", the Digital Committee got it back in service on April 24, and it has performed just great since that time.

A reminder: club members who meet the required criteria are welcome to have access to the club station. some 35 (+ -) keys have been issued to members to date, fewer than anticipated when the membership approved the issuing of keys. To be issued a key, contact the Club Station Chairperson and arrange for the required club station orientation, which takes about 1 hour to complete.

Quote of the Month (overheard from atop a tower at an antenna party): "I really don't want my fin pole returned!" - - Kit Chantarowong, KB6JZM.

Field Day Planning Meeting
Ray Gillett, KF6FU
Field Day Chair

This month we will be planning for Field Day. Please attend the June 12th meeting if you will be participating in Field Day this year. The list of captains is below. If you cannot attend the planning meeting, be sure to contact the team captain(s) at least a week before Field Day. Sign up for as much time or as little time as you wish. You are welcome to participate in as many of the activities as you desire.

EBARC's 1998 Field Day Captains are:
CW Alan Eshleman, K6SRZ, 540-8790
SSB Ron Smith, KE6HKQ, 724-5099
Novice Virginia Summerer, KF6HEX, 526-6827
VHF/UHF John Wood, KF6HFA, 234-0527
Power & Packet Roger Nelums, KE6SZG, 222-3672
Publicity Cheryl Johnson, KF6HEN, 222-9315
Computer Logging Henry Primbsch, KK6PH 741-8227
Messages/Bulletins Joe Lee, W6DOB, 724-0533
Security Rich Parker, KD6JCT, 237-2777
Food Barbara Grazer, KD6OKJ, 222-4990 and Donna Mae Gillett, 799-5221

Captains should bring their "needs and wants" for the operation of their stations to the June meeting. They should also bring a list of time slots for EBARC members to sign up for. In addition to operators for the event, we need people who can transport large objects, people who like to set up and take down the site, and volunteers for security and greeting visitors. Some items we'll need are; large tables, tents, lamps (with extra light bulbs), surge protector outlet strips, ice chests, and many other things. Joe Lee will be sending Field Day messages again (see article below). Bring the information for your message that he'll need to the June meeting.

Major changes in the rules for 1998 are as follows. There are no longer bonus points for packet or VHF/UHF. You may no longer use digipeaters, nodes, etc. for packet contacts. There's a digital mode category (nonCW) for each band. Each phone, each CW, and each digital (nonCW) segment is considered as a separate band (a station may be worked once on each band). Copies of the '98 Field Day rules will be handed out at the June meeting.

If you have any questions, call me at 799-5221 or Barbara Grazer, 222-4990.

QST Field Day Alert!
Greg Small, KD6SXH

[Below is the excellent article by Greg Small about last year's Field Day, slightly altered for this year. - Editor]

Field Day is Friday June 26 through Sunday June 28. This year EBARC will set up in Cesar Chavez Park at the Berkeley Marina (Northwest Picnic area). 4C's and EBARC members and their families are encouraged to come.

The object of Field Day is to work as many stations as possible, on any or all amateur bands, while deployed "in the field" to practice emergency preparedness. This involves getting our equipment out to the field, setting up, and operating. Since this is a 24-hour event, there is also the logistics of power, shelter, food, security, and getting some sleep between operating. It's darn good practice and a lot of fun.

By EBARC tradition, we start setting up at the site Friday at about 11 a.m. This involves collecting equipment from the Club Station at about 10:30 a.m. and transporting it to the site. Setup of tents, power, antennas, and radios usually lasts until late afternoon. Come on out to the site to lend a hand and your expertise.

Contest operation begins at 11 a.m. on Saturday and continues 24 hours until 11 a.m. Sunday. EBARC operates as category 2A, a battery portable club station with two transmitters. We operate these as an HF CW station and an HF SSB station. We also operate a Novice/TechPlus HF transmitter and a VHF/UHF transmitter, which are "free" in that they do not count as transmitters in our category designation. Phone contacts count one point and CW/RTTY count two points plus bonus points for various related activities.

Needless to say, no one operates the whole 24 hours straight, so we need a lot of hams (that's you!) to take turns at the various operating stations. Each station needs at least the transmitter operator and someone to record the log and check for duplicates. This is a great chance to operate on your favorite band or try something new with others available to help out. For you night owls, remember we operate 24 hours.

At 11 a.m. on Sunday we pack it all up and head home. This operation takes several hours as you might expect, so come and help out if you were unable to before. Come earlier and do some operating too.

If you're stuck at home or are on the road, you can still help with Field Day. There are two ends to every contact, and you can be one of them. At home you can operate category 1D (permanent station using commercial power) or 1E (permanent station using emergency power, battery, etc.). On the road you are 1C (mobile). If you try simplex DX with your handheld, you are 1B (one or two person portable). Every contact you make helps other Field Day sites have as much fun as you.

Field Day contacts are short and sweet. You call "CQ Field Day" or respond to a CQ FD and then exchange your operating class and ARRL/RAC Section. For example:
S: "CQ Field Day this is W6CUS listening"
R: "W6CUS this is KD6SXH, 1 B East Bay"
S: "KD6SXH roger 2 A East Bay"
R: "W6CUS roger KD6SXH out."
S: "CQ Field Day this is W6CUS listening"

The contest does not use 30M, 17M, or 12M. Every other ham band from 160M to 23 cm and beyond is in the game. Don't

neglect 10M SSB (it was wide open on Saturday afternoon the last two years).

The Field Day site is Cesar Chavez Park at the Berkeley Marina (Northwest Picnic area). Rich, KD6JCT, and his security team will be monitoring 147.57 MHz for talk-in and operations (for emergencies or problems call his cell phone 301-8038).

Free Messages!

[This article is also reprinted from last year's newsletter. It's an important way for EBARC to earn more points! - Ed.]

At the June meeting, Joe Lee, W6DOB, will bring blank National Traffic Service (NTS) message forms. Come prepared with a message up to 25 words to someone at least 50 miles away. You'll need the person's name, address, zip code, and telephone number. This will be good practice for Field Day, when Joe is planning to get extra points for EBARC by originating more NTS messages from the Field Day site. Be sure to help our score by bringing your messages to Field Day! Joe would also like to have other people copy the W1AW Field Day message to be broadcast on W1AW's regularly announced frequencies just before and during Field Day. We need accurate text for this message to get the bonus points.

Field Day / Computer Logging

Alan Eshleman, K6SRZ
Field Day CW Captain

This year in the CW tent, we'll yank ourselves into the 20th century by trying to computer-control the logging and some of the CW sending. Other tents will also have computer logging available. To practice using the logging program, join me at the work party at the club station on Saturday, June 13th.

I encourage CW operators to sign up with me for a Field Day time slot. That way, we can be sure we'll cover the full 24 hours. If you must miss the June meeting and the work party, please contact me at 540-8790 or doctore@well.com.

General Meeting Minutes

May 8, 1998
Greg Small, KD6SXH
Acting Secretary

7:37 p.m. President and First Vice President not present, no Second Vice President. Sharon Primbsch, AA6XZ, Third Vice President presiding.

Minutes from the last meeting were approved as published in the *Blown Fuse*.

Treasurer's Report by Gordy Parsons, NU6W.

Program Report by Sharon Primbsch, AA6XZ (for John Wood, KF6HFA): A sign-up form was provided to volunteer to operate for the Special Event Station, August 29, 12 noon to 12 midnight. The information is needed so we can advertise the frequencies and times in *QST*.

Request for nominations for Second Vice President. None heard. Will ask again after the break.

Station report by Henry Primbsch, KK6PH (for Ralph Hall, W6EFD). There will be a work party the Saturday after the June meeting [6-13-98]. There are eleven items to work on. Slide locks will be added to the crankup tower to prevent sections from

sliding down (in case a cable breaks). WD6CMU's main BBS broke down and is not likely to be restored. Consequently the W6CUS packet antenna needs to be moved higher to be more accessible. The W6CUS packet station itself has been rebuilt and is working well. Station 8 (the packet terminal and computer station?) needs some changes to power and phone. A 300 watt dummy load will be added to the second antenna output of the HF rig as a safeguard against transmitting with the antenna set to 2. Other items are lowering the stepping stones, adding an attic light, other antenna work, paint the porch deck and ramp, etc. There is a new, framed, azimuthal map with W6CUS at the center.

Education Report by Henry Primbsch, KK6PH. The Technician class has 10 to 11 people. Jamie Wasson, AB6WJ, is accepting sign-ups for a CW class to be given when there are enough applicants.

Field Day (26, 27, 28 June) (several people gave this report, since chair Ray, KF6FU wasn't present). The site at Caesar Chavez Park near the Berkeley Marina has been approved. $200 has been advanced to Barbara and Donna Mae for food. Barbara, KD6OKJ, has Field Day packets for the captains. John, W6IO (visiting from So. CA), said he would be there.

Two spectrum preservation petitions were circulated in support of HR-3572. John Wood will send them to the Contra Costa and Alameda county Congressional representatives.

Sam Watson, W6VIF, asked anyone with extra straight code keys to donate them for his school class.

Henry Primbsch, KK6PH, is still working on his RF Safety software. He will donate it to the club.

Ivan Sturman, WB6PIV, announced the West Contra Costa RACES fire drill is on July 4.

Vern Orme, AA6YE, announced the dates for the EBARC/4C Picnic, Sunday September 20 at Point Richmond Knox Miller Park, and the EBARC/4C Holiday Season Party, Sunday December 13, 11 a.m. to 3 p.m., at Spenger's in Berkeley. It was also voted to have an Gift Exchange Game party at the regular December EBARC meeting, Friday December 11th.

Jim Kuhl, KC5IDS, is now Advanced Class. He'll be getting his new call sign soon.

Nominations for Second Vice President were opened. Mike Camp, KI7FQ, was nominated. This will be publicized in the next *Blown Fuse*, and the election will be at the June meeting.

The program on Red Cross Disaster Services was given by Rachel Lewellen, KB6LHR, and Leo Lewis, WA6ZFV. Experiences in the Maine Ice Storm of January 1998 and the El Nino floods of February 1998 were related.

FUND-RAISER

"Burgie" Jones, KE6MSF

We are having a fund-raiser at our next EBARC meeting. We will be selling nachos and cheese for $1.00 a bowl. So bring your appetite and come to the meeting Friday June 12th. I look forward to seeing you all there.

The (unofficial) EBARC web page URL is: http://www.ccnet.com/~oso/ebarc.html

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Treasurer's Report
May, 1998
Gordon Parsons, NU6W, Treasurer

MAY INCOME

New Member: David Jaffe	$20.00
Total May Income	$20.00

MAY DISBURSEMENTS

Blown Fuse Printing	$53.48
Blown Fuse Postage	35.52
Survey printing	2.87
Pacific Bell (W6CUS)	16.69
City of Albany (room rental)	40.00
Field Day food advance (B. Grazer)	200.00
Total May Disbursements	$348.56

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$1,223.74
Savings (Station Fund*)	$1,714.64

*$429.23 belongs to the General Fund.

Field Day is just about here! Field Day patches from past years will be available at the next meeting. You'll want to have several on your club jacket.

Looking Back
Ron Smith, KE6HKQ, Historian

It appears that the title "Looking Back" that I chose for these historical articles is not original. I found it used in the June 1984 issue of the Blown Fuse *above a letter from Bill Hurd, W6CTL, a cofounder and the first president of what is now EBARC. Here is the article and that letter.*

LOOKING BACK -- A HISTORICAL REPORT FROM OUR COFOUNDER AND FIRST PRESIDENT, BILL HURD, W6CTL

If you were at the April meeting, you heard Don Dunn, K6BJJ, read excerpts from a letter he received recently from Bill Hurd, W6CTL, recalling the early days of the East Bay Amateur Radio Club --37 years ago. So that all members of the Club may have this interesting information about our 'roots' we are happy to carry some of Bill's comments in this issue of *The Blown Fuse*:

"Your letter has certainly re-kindled some fond memories. Many log books have been filled since my days with the East Bay Radio Club, as it was known at that time. Although most of my recollections are somewhat dim at this late date, I will be glad to jot down what I do recall.

"It was back about mid-1947 when Frank Torchia, W6KEK (now a Silent Key), Hal Nahmens, W6JK, and I, as former members of the Richmond Radio Club, took it upon ourselves to start the East Bay Radio Club, meeting in El Cerrito. W6JK is still with us and now resides in Pinole. Although Hal is blind and quite hard of hearing, he is nevertheless an active ham; in fact, we still have a daily sked on 7040 kHz at 0200Z.

"From the very start, and up to the time I faded out of the scene, we met at what was called 'The Preschool' in El Cerrito. As I recall it was located on Moeser Lane and the building is probably now within Cerrito Vista Park. Our departure from the Richmond Radio Club had nothing to do with the meeting location, which as you say was in the old Richmond City Hall. In those days it was quite safe to go there even in the middle of the night:

"I was the initial president of the new Club, and as I recall W6KEK was our first vice-president. I applied for and was granted W6CUS as the Club call. I also compiled and ran off the Club newsletter which we called *QLF* (which of course means 'sending with your left foot'). Where the

name *The Blown Fuse* came from I do not know.

"I can recall a few of the old time members of the East Bay Radio Club, but not all of their call letters. There was Bob Lathe, now W6DAC and living in Grass Valley. There was Jess Fraga; and Morrie Poole, WGCJI, who worked in the Department of Agriculture in Albany; Jim Crutchfield, who was going to UC Berkeley for his Ph.D. in Economics; a teacher who later became associated with El Cerrito High School; and John Larson, K6AUC, who now lives in El Sobrante. There were many others, but at this point their names escape me.

"I think it was in the early '50s that I sort of faded out of the Club, as did W6KEK and W6JK (and later K6AUC). This happened as a result of our total involvement in DX and the Northern California DX Club. We were at that time the only DXers in the Club, and a general ham radio club did not fit into our area of prime interest.

"As for Field Day -- indeed we did participate! The first one was in 1948 and the site was in the hills in Upper Tilden Regional Park. I recall that we wanted to make a good showing, and even ran a trial run before the event. In those days there were more vacant lots in El Cerrito than occupied ones, so we went out one Saturday morning and set up all the antennas and gear to find out how it worked. This was done in the vicinity of 'The Preschool' mentioned before. There were no houses within a half mile of the place. The antennas were folded dipoles. I had a home brew rig with an 807 final and Frank used an old Lysco exciter.

"We did other things besides engaging in Field Days. As I remember, one activity was participation in a ham radio exhibit we set up for a Preschool bazaar. From time to time we had potluck dinners at our meetings, so the poor XYLs could sort of get involved.

"It might be of interest to know that the East Bay Radio Club was represented by me at the very first Council of Amateur Radio Clubs ever held in the Bay Area. This was a brain child of Bill Ladley, W6RBQ (long since a Silent Key). He was Pacific Division ARRL Director at the time.

"Yep, I too am retired and I guess a 'Senior Citizen' (70 come next August). The primary thing wrong with 'advanced' age is that far too many of the old gang are Silent Keys.

"73, Bill (W. G. Hurd, W6CTL)"

Our thanks to Bill for these comments. We're glad to know he is still quite active on the air (a real QRQ CW man at about 35 wpm!) Bill's QTH now is Upper Lake, California.

More Looking Back
Ron Smith, KE6HKQ, Historian

The following article is from the Blown Fuse, *May 1985.*

JOE LEE EARNS FIVE-BAND
W.A.S. & B.P.L.

Joe Lee (WB6DOB) doesn't tell many people this, but he recently finished a long-range project that, to my knowledge, is a first for the EBARC. He finally received his Five-Band Worked All States Award! Not only is this an awesome task (it takes a lot of listening) but Joe did it the hard way--- ALL ON CW!!! As it's increasingly rare to hear activity on CW nowadays compared with phone, this accomplishment by an

EBARC member adds one more notch to our pride in being associated with such fellow operators. Joe also earned the Brass Pounder's League Award this last December. This is the highest honor a trafficker can receive short of the B.P.L. Medallion, and represents many, many hours of work. It is a select club, and Joe's XYL, Stella, can testify that she is glad this ordeal is over! Next year, maybe Joe will do it using packet radio so that he can entertain the XYL and let the computer do the work.

(by Don Simon NI6A)

ARES / RACES News
Rich Parker, KD6JCT

We've been asked to provide ham operators for the Boy Scout Walkathon, Saturday, June 6th from 7 a.m. to 5 p.m. in the Berkeley - El Cerrito Hills.

A non-profit drummers group, "Rhythm Makers in Harmony", has asked us to help them at Nichol Park in Richmond, Saturday June 20th from 11 a.m. - 6 p.m.

Ham volunteers are needed for fire watch patrol of El Cerrito, San Pablo, and Richmond hills for July 4th.

If you're interested in operating at these events, contact me at 237-2777, by FAX at 237-1446, or send e-mail to rparker688@aol.com.

According to Tom Vilaikam, AI3X, the Hercules Amateur Radio Club has a new web address, http://www.jps.net/ai3x/harc.

EBARC Roster Update

- **NEW MEMBER**: David Jaffe, WA2BHJ, is an Extra class operator who is getting back into ham radio after 30 years. He lives at 739 Hilldale Ave., Berkeley, 94708. He can be reached at david@jaffe.com or 526-4805. He likes HF CW, SSB, contesting, DX, and traffic handling. He's also a musician and computer programmer.
- **UPGRADE**: Jim Kuhl recently upgraded to Advanced. His new call is KM5QJ.

Future Bay Area Events

- Boy Scout Walkathon, Sat. June 6th
- W6CUS work party, Sat. June 13th
- "Rhythm Makers", Sat. June 20th
- 1998 Field Day, June 26-28
- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, 510-447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is July 5th. For more info, call 510-741-8227.
- EBARC 50th Anniversary Special Event Station, August 29th. Event Coordinator: Don Hamma, KE6ZFP, 526-6823, hamma1@llnl.gov.
- Foothill Flea Market, 2nd Saturday of each month, March through October, Foothill College, Los Altos Hills.

[To save space, the list of officers and nets is being omitted in this issue. It will be published again next month. - Editor]

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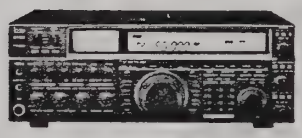

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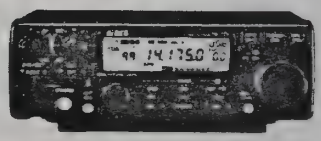

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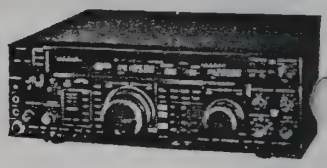

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QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LI NUMBER 7 JULY 1998

EBARC Meeting

July 10, 1998
7:00 p.m.

Program: to be announced
(it'll be good)

The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board will not meet in July

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
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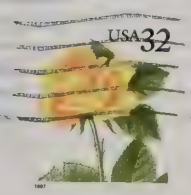

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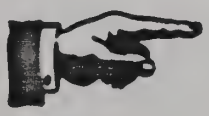

Ronald A. Smith, KE6HKQ
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Aug. issue: July 28

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

Message from the President

Roger Nelums, KE6SZG

Hello everyone. We had a good turnout at our monthly meeting. A lot of people are excited about Field Day. The summer season and vacations are upon us, although you couldn't tell it was summer by the weather. I hope all of you who are traveling during your vacation have a safe trip and a good time.

The work party was a success. We had sixteen people attend in all. We were able to accomplish quite a bit. I would like to thank Molly Hall for the delicious lunch. We were so full after eating lunch, it was hard to go back to work. Thank you again. I know you put a lot of work into making our lunch special.

W6CUS Club Station Report

Ralph Hall, W6EFD

The Saturday (6-13-98) work party at the club station went very well. Projects completed included placing a Diamond X-500A dual-band antenna at the top of the pipe which extends some 8 to 10 feet above the beam on the crank-up tower. The 2-meter part of the antenna has been devoted to the packet bulletin board operation, hoping that some of the more distant packet stations who were unable to reach us will now be able to connect to our BBS. The hoped-for improvement has been verified in one instance so far, a station in Napa (WB6BNR) can now connect, whereas he could not before we established the higher antenna. We would like to hear from anyone where improved coverage has resulted.

Locking devices were placed on the crank-up tower. They are intended to support the weight of the three upper tower sections when the tower is in the normal raised position. This will hold the sections in place, should anything happen to the cable which raises, and previously supported the weight of, the upper sections. The cable needed relief -- That 3/16" cable was ***VERY*** tight before the locks were installed.

In another project, it was something to watch John (W6QNT) raising the stepping stones alongside the club station access ramp. These stepping stones were under water after a heavy rainfall. John devoted most of the morning to that job, addressing each stepping stone with great individuality and TLC (reminded me of a surgeon at work.) He even used a level to get each one just right.

The telephone line to the club's E-mail computer was rerouted and is now out of sight, a big improvement. Kip, KF6OGA,

braving the hot HF room attic, wrapped many pieces of spare equipment in plastic, dust-proof bags and labeled each one for easy identification of its contents.

A total of 16 club members signed the sign-in sheet which was supervised by "O'l Cuz" (Adah, KF6IHW) since we no longer have our club mascot, Vivian Millar, who previously did that job. Speaking of the Millars, Marion, KF6BYM called the club station by telephone from Southern California to wish the work party a happy day. She said they will probably make it here for Field Day. Nice to hear from you guys, Marion.

Lunch consisted of generous help-yourself-type servings of lasagna, tossed salad (with onions and radishes from Burgie's garden), garlic bread, and three kinds of pies with whipped cream. (Thanks Mom, the gang loved it all.)

Many thanks to each of you who made the work party a great, and fun-filled success.

EBARC members at 6/13/98 work party

General Meeting Minutes

June 12, 1998

Gayle "Burgie" Jones, KE6MSF Secretary

The meeting was opened at 7:30 p.m. by President Roger Nelums.

Gordy gave his finanical report for May.

Henry stated there will be two more Novice No-Code Tech classes. There will be a VE test session on June 25th in addition to our regular VE test session July 5th.

Joe Lee encourages us to give him messages to send to family or friends for Field Day. We get points for messages sent.

Barbara, Cheryl, and myself tried something different this month. We had a fund raiser sale of nachos, with the proceeds going to the club station. We made $43.00. We would like to thank all of you who participated in this event. It was a great turn out and a lot of fun.

Congratulations to Mike Camp, who was elected our new 2nd Vice President. Mike will probably get lots of help from Robin Fraatz.

Rich Parker will be unable to attend our next few meetings, so Sam Watson has graciously agreed to sell our lottery tickets until Rich is able to return.

May's minutes were accepted as printed in the *Blown Fuse*.

James Kuhl, Jr. AC5QJ now has an Extra class license. Congratulations Jim!

John Percival, WI6O, will be unable to attend our Field Day this year. We will miss you, John.

Our program this month was regarding Field Day. We made sure everything we could think of was discussed about Field Day.

Tom, AI3X, brought to our attention that beginning June 21 through October 1998, there will be a Ham Radio Swap Meet at Ohlone Elementary School in Hercules. The Swap Meet will be the 3rd Sunday of each month from 7:00 a.m. to 12:00 noon. If you have any questions, please contact Tom, AI3X.

Looking Back
Ron Smith, KE6HKQ, Historian

This article is from the February 1984 issue of the Blown Fuse -- "YOUR PLACE OR OURS" PROGRAM A SUCCESS.

"Sheriff Richard Ráiney reported that the program to provide "taxi" service to New Years Eve Celebrants was highly successful this year. 157 happy people were driven to their homes by Sheriff's Posse members accompanied by Amateur Radio operators, as their contact with Comm-7 Dispatch. This year there were NO fatal accidents in Contra Costa County on New Years. Well Done -- to all participants. EBARC members taking a role in the night's adventures were; KA6OLK, N6DRT, NI6A and WA6JSO. The Sheriff (and the rest of us) was particularly pleased that the job done by all meant that he did not have to perform in his other role. He is also the County Coroner. To all you other Hams: Please try to plan on helping next year. We can use your good talents."

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- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, 510-447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions, first Sunday in every odd-numbered month (except holidays). The next exam is July 5th. For more info, call 510-741-8227.
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1998 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

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Mike Camp KI7FQ, 2nd VP - Hospitality Chair.....652-5102
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor.....741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair...785-4290
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Vern Orme, AA6YE - Social Committee Chair.....233-4504
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John Billones WD6GGC, Member-at-Large.....237-1272

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME		FREQ, MHZ
EBARC Slow CW Net	Weds	2030		21.115
EBARC SSB Net	Weds	2100		28.395
No. Calif. VHF National Traffic System Net	Daily	2030		145.210
Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		147.57s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Elmers Net	Thurs	2000	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930		145.410
"Going Home Group"	Mo-Fr	1600	(PL 82.5)	145.110

ARES/RACES EC - West CoCoCo. Rich Parker KD6JCT home: 237-2777, beeper: 873-7363, cell phone: 499-4557. Frequencies: #1=145.110-, #2=147.570s.

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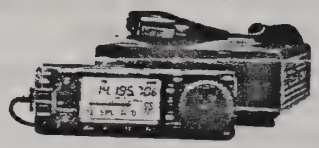

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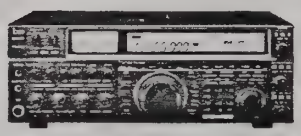

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THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LI NUMBER 8

AUGUST 1998

EBARC Meeting

August 14, 1998
7:00 p.m.

Planning for 50th Anniversary
Special Event Station
(and maybe other stuff!)

The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald Ave., Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Sep. issue: Aug. 25

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

Message from the President
Roger Neiums, KE6SZG

Hello everyone. We had a great Field Day! I would like to thank everyone for their help in our success. The long hours of hard work and dedication is what makes our club so special. I would like to extend a special "Thank You" to Barbara and Donna Mae for the delicious meals they prepared for us. Many hours and much time were spent in the planning and preparing for our meals. Thank you, Ray, for the dedication you have given to us. Thank you, Carmen Watson, for our special Sunday morning breakfast. We always look forward to it! Kit, thank you for the chicken soup you always bring us. We look forward every year to your chicken soup at midnight. I would like to thank Rich Parker for all of his help with the tents and tables he loaned us. A special thank you to Eric and all of his security guards who watched over us. It was comforting to know we were in such good hands. If I have forgotten to thank anyone else, please forgive me. I do not want to leave anyone out. All of you were great, and sincerely I thank you!!!!!!!!!

I want to announce that Ray, Donna Mae and Barbara have decided to step down as Field Day Chair and our cooks for Field Day. They have done an excellent job, but have decided to share the fun with others. So.....if anyone is interested in becoming Field Day Chair for next year or interested in cooking for Field Day, please let me know.

Have a great summer. See you soon.

EBARC members send condolences to Cheryl Johnson, KF6HEN, for the recent death of her mother, and to Gerry White, WB6IZE for the recent death of his wife.

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EBARC Field Day 1998
Panoramic Photo by Jamie Wasson
(see it in color on www.vista-point.com, in "gallery", keyword "EBARC")

Treasurer's Report
June, 1998
Gordon Parsons, NU6W, Treasurer

JUNE INCOME

New Family Members: Peter Hoffman, W6DEI, and D. Iaroli	$24.00
Station Fund Can:	43.00
Raffle Ticket Sales:	54.00
Total June Income	$121.00

JUNE DISBURSEMENTS

Blown Fuse Printing	$53.48
Blown Fuse Postage	35.84
Refreshments (R. Fraatz)	21.00
W6CUS Supplies (R. Hall)	126.49
City of Albany (room rental)	40.00
Pacific Bell (W6CUS)	17.36
Total June Disbursements	$294.17

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$953.57
Savings (Station Fund*)	$1,811.64

*$429.23 belongs to the General Fund.

Our special fund-raising food sale was a success. We brought in $43! However, some of the food was donated. If you know of places where there are some exceptionally good prices, bargains, etc., let us know so we can shop for cost-cutting refreshments.

RAFFLE ITEMS: Bring your $bucks$ to the August EBARC meeting. A Microsoft C/C++ 7.0 compiler and Windows 3.1 Software Development Toolkit (with complete documentation and extra books) will be one prize. There will be the usual scratchers, and there's a rumor that Golden Gate Charlie (WD6GGC) will bring a home-brew power supply. Each raffle drawing winner gets his/her choice of a prize.

Treasurer's Report
July, 1998
Gordon Parsons, NU6W, Treasurer

JULY INCOME

New Member: T. Gorman	$24.00
Station Fund Can:	5.50
Coffee Kitty	15.75
Raffle Ticket Sales:	44.00
Field Day Food Receipts:	300.00
Donation for Coffee Pot	28.00
Total July Income	$417.25

JULY DISBURSEMENTS

Blown Fuse Printing	$33.77
Blown Fuse Postage	35.20
Refreshments (R. Fraatz)	9.79
Pacific Bell (W6CUS)	17.16
City of Albany (room rental)	40.00
Total July Disbursements	$135.92

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$1,185.40
Savings (Station Fund*)	$1,861.14

*$429.23 belongs to the General Fund.

Do you have some old camping equipment around the house that you can donate to the Field Day cooking kitchen? Somewhere in your attic is there a 5 gal. pot that can be used for making spaghetti? The club needs cooking ware for future Field Days. Donations can save us money and keep basic costs to a minimum.

ARES/RACES News
Rich Parker, KD6JCT

I need Net Control operators for the weekly Thursday 6:45 p.m. ARES/RACES net. Also, fire patrol volunteer operators may be needed in the West County on high fire danger days. If you'd like to help, please contact me at 237-2777.

W6CUS Club Station Report
Ralph Hall, W6EFD

JOHN DID IT AGAIN! At the last club meeting, we showed a just-completed "black box", built by John, WD6GGC, mostly from his scrap metal and junk box. The "black box" will control the club's linear amplifier when its use is desired.

Those who have received the required club station indoctrination and a club station access key will remember that, in general, we have not encouraged inexperienced members using the linear unless they really want to learn how. That is because, in addition to the "TLC" needed by high-power transmitting tubes, it was a chore to interconnect the equipment (Icom 738, linear amplifier, antenna tuner and coax output to the desired antenna) and "get it right the first time." Now, with John's "black box", it is only necessary to turn one "on / off" knob. This turns the amplifier ON or OFF as desired, and all of the interconnecting coaxes are connected automatically.

A day or so after the club meeting, we installed the "black box", made up the necessary interconnecting coax leads, plugged in the power cord, and VOILA — it worked !!! WELL DONE JOHN -- file another notch in your gun !!

With the above done, concern about inexperienced operators using the linear is mitigated to a great extent. As a result, anyone holding a club station access key (and HF privileges) who so desires, can contact the Club Station Chairperson and receive additional instructions in the use of the amplifier.

Written operating instructions on the use of the amplifier are in the mill and will be available, hopefully in the near future.

General Meeting Minutes
July 10, 1998
Gayle "Burgie" Jones, Secretary

The meeting opened at 7:30 p.m. Minutes were approved as published in the last edition of the *Blown Fuse*.

For our next Field Day, John WD6GGC, would like EBARC to pay for our Field Day meals without donations being made. His suggestion was discussed. Barbara and Donna Mae purchased a 46-cup coffee pot and donated it to the club. Ray, KF6FU, has decided to resign his position as Field Day Chair. Barbara, KD6OKJ, and Donna Mae are also resigning as our Field Day chefs. Thank you all so much for the wonderful job you have done!

Henry says there will be a new no-code Technician class beginning Sept. 17th. It will run for 10 weeks.

Thank you, Rich Parker, KD6JCT, for all the help with Field Day. Thank you Kit for the chicken soup and thank you Carmen for the wonderful breakfast you made us all!

Looking Back
Ron Smith, KE6HKQ, Historian

The following notice was printed in the July, 1987 issue of the Blown Fuse.

EAST BAY AMATEUR RADIO CLUB, INC.

Fortieth Anniversary Picnic
and W6CUS Special Event Day

Sunday August 16, 1987
11:00 AM - 4:00 PM

Richmond Red Cross Annex Bldg./Nicholl Park, 32nd Street & MacDonald Avenue
Richmond, CA

Come and celebrate the 40th Anniversary of the East Bay Amateur Radio Club (established July 1947) at its combination Picnic, Open House, and W6CUS Special Event Station on Sunday, August 16th, from 11:00 AM to 4:00 PM.

The celebration will be held in the Nicholl Park picnic table and barbecue pit area behind the Richmond Red Cross Annex Building at 32nd Street and MacDonald Avenue, and the club will run an open house at the WA6JSO Memorial Station and operate a special event station under the club's call W6CUS.

All East Bay Amateur Radio Club members and their guests are urged to come to the picnic; those operators wishing to participate in the special event station are invited to visit the open house and join in the CW, SSB and packet activities.

The East Bay Amateur Radio Club, Inc., wishes to thank the Contra Costa Communications Club for its warm reception at the 4 C's own annual picnic, and EBARC welcomes its friends from the 4 C's to its own 40th anniversary picnic.

EBARC will supply the hamburgers, hot dogs, buns, and soft drinks; members are encouraged to bring all the other goodies to make a great picnic. Please sign up at the July 12th EBARC monthly meeting, or call Rich N6IIW at 799-1230, Gordy NU6W at 785-4290, or Tim N6NVD at 566-3359.

[Editor's note: This is an historical article. Our 50th celebration will be August 29th!]

EBARC Roster Update

- **NEW MEMBER:** Peter Hoffman, W6DEI, is a Technician who is interested in HF SSB for talking to people all over the world. He's learning CW, and helped at our Field Day this year. He lives at 1123 Harrison St., Berkeley, CA 94706. His e-mail address is dei.peter@internetMCI.com and his phone is 525-0694. He's also interested in bicycling, foreign travel, reading, film, music, and the arts.
- **NEW MEMBER:** Trisha J. Gorman, KF6RUZ, is a newly-licensed Technician. She lives at 5351 Hilltop Crescent, Oakland, CA 94618. Her phone is 510-547-3832. She's very active in emergency preparedness.

Now that the W6CUS packet antenna is up higher, please try using it! If you haven't been able to get into W6CUS-1 in the past, you have a much better chance of reaching it now. The frequency is 145.79 MHz.

W6CUS Special Event Station

On Saturday, August 29th is EBARC's 50th Anniversary Special Event Station. We'll operate from the club station (and elsewhere?) from noon to midnight local time. We'll do all the planning for the event at the August 14th general meeting.

Enclosed with this issue of the *Blown Fuse* is a signup sheet for you to return (filled out, of course), if you intend to operate the event. Please bring it with you to the August 14th meeting, or get the information to Bob Uhrhammer, WB6VEX, bob@seismo.berkeley.edu, 525-1447. For other information, contact Don Hamma, KE6ZFP, 526-6823, hamma1@llnl.gov.

Here's the text from the August 1998 *QST*, announcing our special event:

> Richmond, CA: East Bay Amateur Radio Club, W6CUS, 2000Z Aug 29 to 0800 Aug 30. Celebrating 50 years of service to the East Bay Community. 7.237, 14.237, 21.377. Certificate. John Wood, 5948 Fern Street, El Cerrito, CA 94530.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, 510-447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions, first Sunday in every odd-numbered month (except holidays). The next exam is Sept. 6th. For more info, call 510-741-8227.
- EBARC 50th Anniversary Special Event Station, August 29th. Event Coordinator: Don Hamma, KE6ZFP, 526-6823, hamma1@llnl.gov.
- Foothill Flea Market, 2nd Saturday of each month, March through October, Foothill College, Los Altos Hills.
- Hercules Amateur Radio Club Ham Radio Swap Meet, 3rd Sunday 7 a.m. to noon, June – October, Ohlone Elementary School. Talk-in, 147.555s.
- Joint EBARC/4Cs picnic, Sunday, Sept. 20th, in Point Richmond.
- Joint EBARC/4Cs Holiday Dinner, Sunday, Dec. 13th, 11 a.m. – 3 p.m., at Spenger's Restaurant, Berkeley.
- No-Code Technician Class via Albany Adult Education, Sept. 17th – Nov. 19th. For info, call Ivan at 524-9021.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, e-mail to w6cus@juno.com, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

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AMATEUR RADIO NETS

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EBARC Slow CW Net	Weds	2030		21.115
EBARC SSB Net	Weds	2100		28.395
No. Calif. VHF National Traffic System Net	Daily	2030		145.210
Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
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ARES/RACES EC - West CoCoCo. Rich Parker KD6JCT home: 237-2777, beeper: 873-7363, cell phone: 499-4557. Frequencies: #1=145.110-, #2=147.570s.

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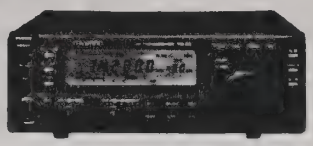

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THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LI NUMBER 9

SEPTEMBER 1998

EBARC Meeting

September 11, 1998
7:00 p.m.

Jim Maxwell, W6CF
Bob Vallio, W6RGG
"The ARRL Position on the FCC's
Restructuring of Amateur Radio"

The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board will not meet in September.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

FIRST CLASS MAIL

Ronald A. Smith, KE6HKQ
2643 Emma Dr.
Pinole, CA 94564

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Oct. issue: Sep. 22

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

Message from the President
Roger Nelums, KE6SZG

Hello everyone. Well, summer is coming to a close, and I hope everyone has returned from their vacations safe and sound.

We have an exciting event coming up this weekend at the club station. It is our Special Event held at the club station on August 29th. I will let you all know more about this in the next *Blown Fuse* article.

There will be a no-code technician class held at Albany High School beginning Sept. 17th. The cost will be $16.00.

I hope to see you all at the September meeting

REMINDER! THERE IS NO EXECUTIVE COMMITTEE MEETING IN SEPTEMBER!

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Program for September
John Wood, KF6HFA

Bob Vallio, W6RGG, ARRL East Bay Section Manager and Jim Maxwell, W6CF, Vice Director of the ARRL Pacific Division will be our speakers in September. They will discuss the League's position on the FCC's proposed restructuring of amateur radio classes, requirements, and privileges. They will also discuss the FCC's "request for comment" paper. You can get more information about this issue from the ARRL Web site, www.arrl.org.

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Treasurer's Report
August, 1998
Gordon Parsons, NU6W, Treasurer

AUGUST INCOME

Raffle Ticket Sales:	$33.00
Coffee Kitty Can:	18.00
Station Fund Dan:	3.50
Total August Income	$54.50

AUGUST DISBURSEMENTS

Blown Fuse Printing	$42.87
Blown Fuse Postage	35.84
Field Day gas (R. Nelums)	14.00
Field Day battery (C.S.Marine)	135.31
Refreshments (R. Fraatz)	18.82
Pacific Bell (W6CUS)	16.28
City of Albany (room rental)	40.00
Total August Disbursements	$303.12

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$704.95
Savings (Station Fund*)	$1,811.64

*$429.23 belongs to the General Fund.

People have been donating items to put into the raffle, and we've made some money this way. If you have something for the raffle, please bring it to the meeting. You get to clean house, and the club gets the bucks!

Remember to feed the kitty.

CW Class Coming Soon?
Jamie Wasson, AB6WJ

It's Fall and everyone should be ready for school. If you're interested in a class to learn either 5 wpm or 13 wpm Morse Code, we want to know about you. We'll try to have a class starting very soon. E-mail to photo@dnai.com or call 510-548-0606.

General Meeting Minutes
August 14, 1998
Gayle "Burgie" Jones, Secretary

The meeting was called to order by President Roger Nelums at 7:30 p.m.

The minutes for July 1998 were approved as published in the *Blown Fuse*.

Gordy Parsons read the Treasurer's Report from the July *Blown Fuse*.

Jan Kuhl, AC5RB, has upgraded to Extra. Congratulations Jan!!!!!!

On the 17th of September a No-Code Technician class will be starting. It will be held at Albany High School. It will run for ten weeks, and the cost is $16.00.

The picnic is set for September 20th. Fred Nieman will have some helpers from EBARC. Sam Watson, Henry Primbsch, and Ralph Leon have volunteered to help Fred.

If anyone has any suggestions for a location for our 4Cs/EBARC Christmas dinner, please let Vern or Roger know. As you know, Spenger's Restaurant is to be closing soon.

Roger left early, and the meeting was continued by Mike Camp.

The program was moderated by Sharon Primbsch, and extensive planning for our August 29th Special Event Station was done.

The meeting was adjourned near 9:30 p.m. for the raffle.

4Cs / EBARC Picnic

The merriment is set for Sunday, Sept. 20th, at Miller-Knox Park in Point Richmond. We'll gather starting at 11:30 a.m. and eat about 1 p.m. There's no charge for the eats and merriment (but see the raffle information, below). We'll have the traditional 2M transmitter hunt, and a horseshoe playoff. Bring your family and / or your "significant other" (interesting?). There's a nearby playground, and lots of room to run. Wise folks also bring a lawn chair, a floppy hat, sunglasses, and sunblock. For extra information, contact Fred Nieman, KC6VLL, at 223-1748. (He'd appreciate knowing how many people will be coming.) Talk-in is on the 145.110 MHz repeater (in case you get befuddled).

Jan Kuhl, AC5RB, is making a generous, handmade, donation to be raffled at the picnic. It's a "Quillo", a combination quilt and pillow. When not being used as a small quilt, it can be folded into its case and used as a pillow. The proceeds will be divided 50/50 between the 4Cs and EBARC, so bring your $dollars$! Thanks Jan for your generosity! *[Hot tip: A hot-off-the-presses rumor has it that Jan may be providing two Quillos!]*

W6CUS Club Station Report
Ralph Hall, W6EFD

At the last club meeting, there was discussion about some problems experienced with the club's 3 KW antenna tuner (the one used with the club's linear amplifier and on Field Day, etc.) during the past Field Day operation. During that discussion, I mentioned that the Executive Committee had, a long while back, authorized the purchase of a new 3 KW MFJ antenna tuner (something over $300.00), complete with crossed needles etc., a substantial improvement over the one that gave us problems on Field Day. However, that purchase was put on "hold" until such time as the club's treasury would have a comfortable remainder if that purchase were made.

Also discussed among a few of us during the break was one of the club's two off center-fed all band (80 thru 10) antennas that apparently became defective during Field Day, although for no apparent reason. Even "dissecting" the antenna after Field Day failed to show a cause.

Jerry White, WB6IZE, heard these conversations and, on the following day, went to the "candy store" and made the following purchases as a donation to the club:

- One 3 KW antenna tuner, model MFJ-989 C.
- One G5RV all-band (80 thru 10) antenna to replace the one that failed on Field Day.
- One Barker & Williamson model 1.8-30 (160 thru 10) antenna as an additional antenna for Field Day or similar use.

This puts the club back in good shape equipment-wise, but in terms of dollars, represents a substantial expenditure on Jerry's part. As we all know, this is far from the first donation made to the club by Jerry.

The club indeed expresses its thanks to you Jerry, and is indebted to you for this donation.

A heartfelt "Thanks" from the editor (AA6XZ) goes to all the loyal *Blown Fuse* contributors who get their stuff in on time and make this newsletter possible!

Looking Back
Ron Smith, KE6HKQ, Historian

Here is a letter from the Shimada HAM Club to the members of EBARC. It was published in the Blown Fuse February, 1987.

Message

It is our great pleasure to send a message commemorating the twenty fifth anniversary of the sister city affiliation between Richmond and Shimada.

Hello, ladies and gentlemen who belong to the HAM circle in Richmond! How are you? I think you are widely playing active parts in various fields.

Our Shimada HAM Club have been deepening the friendship among the friends for more than twenty years, thus continuing steady activity based upon the HAM spirit.

It seems only recent that we exchanged messages with your circle on the air as one of the events which commemorated the sister city affiliation. Thank you.

We are making efforts in fostering HAM members, and as a result, the HAM population in our area is incresing in number.

The Shimada Repeater Station in 430 MHz zone was opened last year and is now under operation. The operating stations are increasing in number as well.

The operation by a foreigner inside Japan became possible. Therefore, if you have a chance, please try to access to Shimada Repeater Station.

Further, in this summer, the launching of JAS-I, the amature satellite of Japan is expected. It is scheduled in the morning of August 1. Some stations are preparing little by little for the challenge to the satellite communication.

Recently in Japan, stations which operate MAIKON (micro-1. computer?) communication and packet communication on 43O MHz zone are increasing in number. Many stations use TNC-2 etc. as well.

Our dream is to connect with the HAM circle members in Richmond through the packet communication making use of JAS-I, the satellite of Japan. Please continue your favor toward us.

We are praying for the increasing prosperity of your HAM Club and for the FB and DX of each station.

Good bye CU Again 73!!

To the members of HAM circle in Richmond city

Shimada-shi Shimada HAM Club
Eiji Ooike
de.JA2CLZ

June 28,1986 (Showa 61 nen, 6 gatsu 28 nichi)

4Cs / EBARC Holiday Party

Since Spenger's Restaurant in Berkeley is closing, the combined EBARC / Contra Costa Communications Club Holiday Party in December has been moved. It is now being held at Rod's Hickory Pit in Vallejo (I-80 and Magazine St.). We'll gather starting at 11:30 a.m., and the sit-down luncheon will be served at 1:30 p.m., on Sunday, Dec. 13th. The food choices are BBQ turkey, BBQ beef, or a chef salad and

soup. There will be a no-host bar. There will also be small gifts distributed (as in prior years). The cost is $15 per person (in advance). Family members and special friends are welcome. The reservation form will appear in the next *Blown Fuse*.

Historic Book Donated to EBARC

Rear Admiral Donald E. McKay, is (or was?) the Chief Communications Director at the United States Coast Guard Headquarters. He attended the 1947 Atlantic City International Telecommunications Conference. It is at this conference that new rules and regulations for ham radio were decided after World War II. He donated to EBARC the printed proceedings, "Final Acts of the International Telecommunications Union and Radio Conferences." EBARC thanks Rear Admiral McKay for donating this fascinating book. We also thank Gordy Parsons, NU6W, for acquiring it for us. To see the book, check with club station manager, Ralph Hall.

EBARC Roster Update

- **CORRECTION:** James Kuhl's new call sign is AC5QI. (Sorry for the error!)
- **UPGRADE:** Janice Kuhl recently upgraded to Extra and now has call sign AC5RB. Congratulations Jan!
- **NEW ADDRESS:** Mike Camp and Robin Fraatz have moved to 7029 Stockton Ave., El Cerrito. Their mailing address is 190 El Cerrito Plaza, #166, El Cerrito, CA 94530, and their new phone is 510-524-0723. Robin's e-mail address is rfraatz@ix.netcom.com. Mike's is ki7fq@ix.netcom.com.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, 510-447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions, first Sunday in every odd-numbered month (except holidays). The next exam is Sept. 6th. For more info, call 510-741-8227.
- Foothill Flea Market, 2nd Saturday of each month, March through October, Foothill College, Los Altos Hills.
- Hercules Amateur Radio Club Ham Radio Swap Meet, 3rd Sunday 7 a.m. to noon, June – October, Ohlone Elementary School. Talk-in, 147.555s.
- Joint EBARC/4Cs picnic, Sunday, Sept. 20th, in Point Richmond.
- EBARC/4Cs Holiday Party, Sunday, Dec. 13th, 11 a.m. – 3 p.m., at Rod's Hickory Pit, Vallejo.
- Pacificon '98, October 16-18, Airport Sheraton Hotel (new location!), Concord, CA. For more info call 925-932-6125, see www.mdarc.org, or email to pacificon@designlink.com.

No-Code Technician Class

EBARC is teaching a No-Code Technician class at the Albany Adult School. The fee for the class is $16 (covers room rental, etc.). The "Now You're Talking" book will be available at the class for $19. There will be homework assignments and demonstrations. The class meets in room 36, Albany High School, 655 Key Route Blvd., Albany, from 7:00 to 9:00 p.m. every Thursday from September 17th through November 19th. For more information, call Ivan Sturman at 524-9021.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, e-mail to w6cus@juno.com, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

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THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LI NUMBER 10 OCTOBER 1998

EBARC Meeting

October 9, 1998
7:00 p.m.

Jamie Wasson, AB6WJ
(& Liz Charlton, KO6XP?)
"Blue Water and Ham Radio"

The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald Ave., Richmond

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Post Office Box 1393
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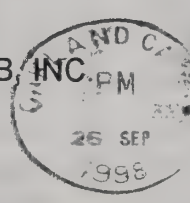

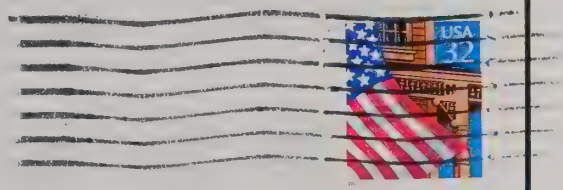

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Ronald A. Smith, KE6HKQ
2643 Emma Dr.
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Nov. issue: Oct. 27

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

Message from the President
Roger Nelums, KE6SZG

Hello everyone. This year is winding down fast! I can't believe it's almost the end of the year!

What a time we all had at the CCCC / EBARC picnic. I enjoyed myself very much. Of course, I love to BBQ and eat! I want to give a warm thank you to everyone who made our picnic so great. I'm afraid if I name everyone by name, I may leave someone out and I don't want to do that. It is so good to see our two clubs join together. Thank you all so much for all of your Hard Work!!!! Jan Kuhl, AC5RB, made a "Quillo" for the picnic which was raffled at the picnic, and our lucky winner was Ginny Summerer, KF6HEX. Congratulations! Jan put a lot of hard work and time into making the quillo. Thank you Jan very much. The proceeds were split between the two clubs and we each made $100.00!

We had a work party, which went very well. About 20 people attended. I want to thank everyone of your help in making our club station what it is today. Again, it is so good to se so many people come together. I would like to thank Molly Hall for making such a good lunch for all of us. Once again Mom, you outdid yourself.

Our Special Event on August 29th went very well also. A lot of hams donated their time and help to make this Event a special one!!!!! Again thank you all so much!!! I would like to thank all of you who brought goodies for us to share, and once again, Molly really went all out to make sure we did not leave on an empty stomach. Thank you Mom very much. I know it's hard for you at times, and we really appreciate your thoughtfulness.

Hope to see you at the meeting in October.

Nominations are Open for 1999 EBARC Officers

The nominating committee, consisting of Ron Smith, Robin Fraatz, and Sam Watson, has been busy. So far, they have found the following EBARC members who are willing to run for 1999 office: President, John Wood, KF6HFA; 1st Vice President, Alan Eshleman, K6SRZ; 2nd Vice President, Mike Camp, KI7FQ; 3rd Vice President, Sharon Primbsch, AA6XZ; Treasurer, Gordy Parsons, NU6W; and Secretary, Midge Wood, KF6OGC. If you are also interested in running for an office, contact one of the committee members. Nominations for all offices are also accepted from the floor before the election. Elections will be held in November.

Treasurer's Report
September, 1998
Gordon Parsons, NU6W, Treasurer

SEPTEMBER INCOME

Regular Renewals WD6IZE, KF6IHW, W6EFD, WI7YN, W6NGE:	$100.00
Family Renewals KF6HEX / Bud, W6THD / W6THB, KE6SZG / KE6MSF / KE6VQI, AC5QI / AC5RB:	96.00
Refreshment Kitty	15.00
Station Fund Can:	11.00
Raffle Ticket Sales:	22.00
Total September Income	$244.00

SEPTEMBER DISBURSEMENTS

Blown Fuse Printing	$40.27
Blown Fuse Postage	36.16
Refreshments (R. Fraatz)	30.29
Photowork QSL cards (J. Wasson)	229.49
City of Albany (room rental)	40.00
Total Sept. Disbursements	$376.21

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$769.23
Savings (Station Fund*)	$1,615.15

*$429.23 belongs to the General Fund.

We are now collecting 1999 membership dues; $20 for individuals, and $24 for families. Let's get the dues paid before the end of the year. We have so many activities at year's end that many members forget to pay up. We are now issuing the "John Wood" membership card, which commemorates the 50th anniversary of the club. Get yours now!

Fall CW Class
Jamie Wasson, AB6WJ

If you're interested in EBARC's Fall class to learn either 5 wpm or 13 wpm Morse Code, e-mail photo@dnai.com or call 336-1120.

General Meeting Minutes
September 11, 1998
Gayle "Burgie" Jones, Secretary

Minutes for August '98 were approved as printed in the *Blown Fuse*.

Jan Kuhl, AC5RB, made a Quillo to be raffled at the picnic, with the proceeds to be split between the CCCC and EBARC.

Ron Smith is requesting *Blown Fuses* for the years Jan 1994 through Dec 1996. If anyone has any *Blown Fuses* between that time period and would like to give them up, please contact Ron.

Gordy reported his August treasury report. More detailed information is located under our Treasurer's report. Gordy also reported that he would like to start collecting our dues instead of waiting until Jan through March if possible.

An Nominating Committee was formed consisting of Sam Watson, Robin Fraatz, and Ron Smith (chair). It's that time of the year again.

Our program was directed by Bob Vallio, W6RGG, and Jim Maxwell, W6CF, with ARRL.

The meeting was adjourned at 9:44 p.m.

Program for October
John Wood, KF6HFA

Jamie Wasson, AB6WJ, (with help from Liz Charlton, KO6XP?) will speak about the differences between ham radio on a boat and on land. She recently sailed a small boat as far south as the Bay Islands off Honduras, and used ham radio to get out of a scrape!

W6CUS Club Station Report
Ralph Hall, W6EFD

UP JUMPED HONORABLE DEVIL !!!!!!

A few days ago, the club station linear amp was being used when suddenly, "lightning struck." A tremendous arc occurred in either the power supply or the amplifier, or maybe both.

The power supply (being the primary suspect) was opened first and, sure enough, three of the fourteen (yep, 14) solid state diodes in the rectifier circuit were literally "blown". Two had large holes blown in them and the third was severed in half.

What with the old age of the diodes, and their having been subjected to an obviously heavy high-current "strain", it seemed prudent to replace all 14 of them. As of this writing, that has been done. Next, we'll give the linear the ol' time-honored "smoke test" and hopefully, all will be OK again.

This was not an operator-caused equipment failure -- most likely just the result of aging components.

[Ralph, everyone knows that you should have put the smoke back in. It's only when smoke leaves equipment, that it stops working! – Editor.]

Ivan Sturman is selling a parts kit for a home-brew battery charger. If you'd like to make one, contact Ivan at 510-524-9021.

Alan Eshleman, K6SRZ, is planning to work the CQ Worldwide SSB contest (at the end of October) from the club station. If you'd like to join him, call him at 540-8790.

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4Cs / EBARC Holiday Party

Don't miss out! Return your reservation form (in this issue) and check for the luncheon at Rod's Hickory Pit.

We'll have our December EBARC meeting as usual on Dec. 11th. It will include a gift exchange, as we did a couple of years ago. Each gift exchange participant should bring a gender-neutral gift under $10. Keep your eye out for the perfect "stealable" gift!

EBARC Membership Renewal

When you send in your EBARC renewal check, be sure to fill out all the details on the enclosed renewal form. That way, your information printed in the 1999 club roster will be correct.

Jan Kuhl has two extra ARRL Volunteer Examiner booklets. If you'd like to become a volunteer examiner, send her e-mail at jkuhl13@hotmail.com, and she'll send you one of the booklets (while they last).

EBARC is selling Entertainment Books again this year. It's $40 for the Greater East Bay edition and $25 for the Solano County edition. The club keeps $8 from each sale. To get one, contact Fred Nieman, KC6VLL, at 510-223-1748.

EBARC Roster Update

- **NEW MEMBER:** Congratulations to Bennetta McLaughlin, W6THB. Art's XYL is now a YL with a Technician license. She lives at 91 Evergreen Lane, Berkeley, 94705. Her phone is 510-841-7233.
- **UPGRADE:** Ken Horne, KE6ZWN, recently upgraded to Extra class. Congratulations Ken!
- **NEW CALL:** Mark Nowell now has call sign WI7YN. He's been an Advanced class operator for some time.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, 510-447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions, first Sunday in every odd-numbered month (except holidays). The next exam is Nov. 8th. For more info, call 510-741-8227.
- Foothill Flea Market, 2nd Saturday of each month, March through October, Foothill College, Los Altos Hills.
- Hercules Amateur Radio Club Ham Radio Swap Meet, 3rd Sunday 7 a.m. to noon, June – October, Ohlone Elementary School. Talk-in, 147.555s.
- EBARC/4Cs Holiday Party, Sunday, Dec. 13th, 11 a.m. – 4:30 p.m., at Rod's Hickory Pit, Vallejo.
- Pacificon '98, October 16-18, Airport Sheraton Hotel (new location!), Concord, CA. For more info call 925-932-6125, see www.mdarc.org, or email to pacificon@designlink.com.

Report on the 1998 W6CUS Special Event Station

John Wood, KF6HFA

The day was warm and sunny as a crew of hams descended on the Club's station to begin our first ever Special Event Station happening. The club members decided earlier in the year to hold the event to commemorate our 50th year of existence and to let the world know, figuratively and actually, that W6CUS is here, and we plan to be here for some time to come.

About 10:30 AM members began arriving and making sure that everything was in readiness for the big event. The majority of the effort was to happen at the station. The two large antenna arrays and the transceivers that feed them were given final adjustments to assure that they would be at peak operating condition.

As the minutes ticked by waiting for the beginning of the event at 1 PM the procedures that would allow an orderly operation simultaneously on as many bands as possible, both at the station and in members homes and automobiles, were

discussed and approved by the support staff.

The general in charge of the entire operation was Sharon Primbsch, AA6XZ, who was the final arbitrator for any procedure questions. It was her understanding of and commitment to the event that made the operation run as smooth as it did. When things were going well and not needing constant supervision, she got on the air to make several of her own contacts. She was last seen stretched out on a cushion on the floor (after twisting several arms to help her get the September newsletter out).

The event never would have happened without the consummate skills of Ralph Hall, W6EFD, our protector and general repair person for the club station. We all appreciate and highly value the many years of singular effort that he has given to the club and to the station. Persons that assisted Ralph during the event were Henry, KK6PH and James, AC5QI.

Because of the geographically distributed nature of the persons taking part in the event it was necessary that they be coordinated to prevent collisions on the ham bands by two or more club members trying to use the same band at the same time. Therefore, a net was established on the 4Cs two meter repeater to permit the club station to always know who is doing what and on what frequency. (The participants as well as the club in general wishes to thank the members of the 4Cs for their generous permission to use the repeater for this function.) This duty was well performed by a trio of members, Ginny, KF6HEX; Kip, KF6OGA; and Henry, KK6PH. They were on the air continuously from about 12:30 PM. until the event stopped due to dead bands about midnight. A few folks contacted them to add to the number of Special Event contacts, but by far the majority were done on the HF frequencies.

During all the deliberations required to plan the event, no mention of food was made. Through a process totally unknown to the author, Molly Hall (Ralph's XYL) became aware of the failure to plan and decided to do something about it. A lavish hors d'oeuvres spread was provided that started early and lasted us the entire event. Burgie, (KE6MSF), Adah (KF6IHW), and Ralph(W6EFD) were Molly's "crew." Thanks Molly. It was delicious.

Some members became SSB operators for the first time during this event. Everyone who sat down at a transmitter had a good feeling about what they were doing and thoroughly enjoyed the experience. Those who participated at the station were: Alan, K6SRZ; Greg, KD6XSH; John, W6QNT; Sharon, AA6XZ; Ron, KE6HKQ; Bob, WB6VEX; Peter, W6DEI and Jan AC5RB. People working elsewhere were: John KF6HFA, Sam, W6VIF, Robin, KE6FRH; Mike, KI7FQ; Joe, W6DOB and Bill, AC6QV.

There are probably others who were involved but didn't show up on any of the logs that were produced during the event. We apologize for anyone who was missed.

Various stories were heard over the repeater and at the station and have been captured here for posterity:

- Sam, N6VIF, tried 2M SSB from Ohlone School (with no success). So he borrowed an all-mode 2M rig and tried again from the club station. After a while it dawned on him that he'd be better off with horizontal, not vertical polarization, so elmers Henry, KK6PH, and Ralph, W6EFD, helped him put up

a horizontal 2M beam up about 25 ft. Alas, this didn't work either, and Sam never did make a contact.

- John, KF6HFA, was "mountain man" on top of Mt. Diablo and then Mt. Tamalpias with 2M SSB and made several contacts. He had a stacked pair of 2 Meter loops attached to a magmount on top of his car and managed to work stations in Vallejo, Sacramento, Auburn, Fresno and as far south as The Grapevine.
- Robin, KE6FRH and Mike, KI7FQ, worked from home to get the station call onto 6 Meters. They had just started using the rig and at first were having trouble getting any contacts. After Henry, KK6PH, arrived at their house to check out the antenna and make some suggestions, Mike made an adapter and finally they were able to make two 6 Meter contacts.
- Alan, K6SRZ, worked 2 shifts of HF CW with an amplifier and a broken ankle (not necessarily related!). He contacted Columbia, Ecuador, Argentina, and Brazil (among lots of others). He then went home so he could contact the club to get his own QSL card.
- Joe,W6DOB, worked CW from home, then worked the club to get HIS QSL card..
- Bill Isakson, AC6QV, worked QRP HF CW from his home.
- Canadian contacts were made by Greg, KD6SXH.
- Jan, AC5RB, made her first HF contact, and now she'd hooked!
- Prospective member Al Weisman (a ham years ago) visited the station and chatted for a while.
- In addition to working some HF, Ron, KE6HKQ, did DX spotting on packet for us.
- We worked 10M, 15M, 20M, 40M, and 80M. on HF.

Among the EBARC members who participated as "contacts" for the event were: "Trailer Court" Bob, W6WTJ, on 10M, Chris Wong, N6JGC, visiting Montana, Rich Parker, KD6JCT (from Marin), and Peter Millar, KF6BYN, from Lancaster, CA.

At 11:20 p.m. HF propagation dwindled to nothing, so all present agreed to call it quits.

From the records that we have, we made a total of 186 contacts during the event and, to date, have received 33 QSL cards from folks that want a QSL card in return. We all had a great time and when the next noteworthy event comes up, we'll do it again.

It would be appreciated by the editor of the *Blown Fuse* as well as by the readership at large that anyone who participated and had a memorable experience should write a paragraph or so about it and give it to Sharon for publication.

No-Code Technician Class

On September 17th, EBARC started teaching a No-Code Technician class at Albany Adult School. Attendance was very light, so the class has been cancelled. Contact John Wood at 234-0527 to get on the waiting list for the next class.

On the next page are the two mail-back forms, one for EBARC membership, and one for the 4Cs / EBARC Holiday Party. Cut them apart and mail them with your check today. (They go to two different addresses!) →→→→

4Cs & EBARC Holiday Party

Entertainment, Prizes, & Fellowship

Sunday, December 13th
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The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, e-mail to w6cus@juno.com, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1998 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

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West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		147.57s
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QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LI NUMBER 11 NOVEMBER 1998

EBARC Meeting

November 13, 1998
7:00 p.m.

John Wood, KF6HFA
"What EBARC is Now and
What it Might Become"

The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald Ave., Richmond

THE EAST BAY AMATEUR RADIO CLUB, INC.
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Ronald A. Smith, KE6HKQ
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Address Correction Requested

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Dec. issue: Nov. 24

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

Message from the President
Roger Nelums, KE6SZG

Hello everyone. We had a very interesting program conducted by Jamie and Liz at our last meeting. If you were not there, you missed quite a time and experience. Nominations for 1999 officers are now open. If you have anyone in mind, please attend the meeting in November and nominate a fellow ham. I hope everyone has a safe and Happy Halloween. I have heard many others say they will be out of town towards the end of November for Thanksgiving, so in case I don't see you, please everyone have a safe and careful Thanksgiving. Don't forget the Christmas Party at our regular meeting in December. We will be having a gift exchange for all those who are interested.

Happy Halloween & Happy Thanksgiving

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EBARC Election for 1999

The nominating committee (Ron Smith, Robin Fraatz, and Sam Watson) has found the following EBARC members who are willing to run for 1999 office: President, John Wood, KF6HFA; 1st Vice President, Alan Eshleman, K6SRZ; 2nd Vice President, Mike Camp, KI7FQ; 3rd Vice President, Sharon Primbsch, AA6XZ; Treasurer, Gordy Parsons, NU6W; and Secretary, Midge Wood, KF6OGC. If you are also interested in running for an office, contact one of the committee members. Additional nominations for all offices are also accepted from the floor before the election. Elections will be held at the November general meeting.

QST, QST, QST: HRO now has a new ad on the back page. Support our advertisers!

General Meeting Minutes
October 9, 1998
Gayle "Burgie" Jones, Secretary

The meeting was called to order by President Roger at 7:30 p.m.

The September 1998 minutes were approved as printed in the *Blown Fuse*.

Gerry White has built for our club four tables which we can use for Field Day.

Gordon presented the financial report for September

.

Mike Camp and Robin Fraatz have donated an HT for the Ohlones School.

Jamie Wasson and Liz Charlton will be holding classes for 5 wpm Morse Code. If you are interested, please call one of them.

Speak Up on Restructuring!

December 1st, 1998 is the deadline for comments to the FCC about the proposed, significant, restructuring of the the Amateur Radio Service. This proposal will greatly affect all hams, and each of us should voice our opinions on it. A copy of the complete Notice of Proposed Rulemaking, WT Docket 98-143 is available via the ARRL Web page, www.arrl.org. Also, see the September 1998 and October 1998 issues of *QST* for more details.

You are encouraged to make thoughful, constructive, suggestions. The "I like it" / "I don't like it" comments are likely to be ignored by the FCC. To obtain instructions for filing e-mail comments, send a message to ecfs@fcc.gov. In the body of the message, type "get form" followed by your e-mail address. By reply e-mail, you'll receive a sample form and directions. You can also send paper comments, but be sure you prominently reference "NPRM WT Docket 98-143".

W6CUS Club Station Report
Ralph Hall, W6EFD

SHARON CAUGHT ME !!!!!!!!

My article in the last *Blown Fuse* described the club's linear amplifier power supply "blowing its top". That article said that the 14 diodes had been replaced, that the next move would be to give the power supply the "smoke test", and that, hopefully, it would be OK.

Sharon properly caught me -- she added to my writing that I had failed to put back in the smoke that spewed out when the diodes went into "melt down". Wellllll, admittedly, I had failed to capture the smoke when the blow-up happened so, being a resourseful type of guy, I found some old black tar, burned it, captured an abundance of its smoke, and injected it into the power supply!!! Guess what -- it worked just fine!!! Dr. Alan, K6SRZ, gave it an extensive workout with no apparent problems.

Otherwise, all is OK at the club station, a report I always like to be able to give. Club station access is still available to club members meeting the required criteria. Contact the Club Station Chairperson if you desire club station access.

4Cs / EBARC Holiday Party

Don't miss out! Return your reservation form (from the September *Blown Fuse*) and check for the luncheon at Rod's Hickory Pit.

Program for November
John Wood, KF6HFA

Hello fellow club members: As you probably know, I have agreed to run for President next year. In my usual grandiose manner, I have decided to give y'all the benefit of my thinking about what the club is now and one person's view of what it might become. Come join me at the next club meeting and let's talk about it.

Fall CW Class
Jamie Wasson, AB6WJ

If you're interested in EBARC's Fall class to learn either 5 wpm or 13 wpm Morse Code, e-mail photo@dnai.com or call 336-1120.

EBARC December Meeting and Gift Exchange

We'll have our December EBARC meeting as usual on Dec. 11th. It will include a gift exchange, as we did a couple of years ago. Keep your eye out for the perfect "stealable" gift to bring!

Here are the rules for the voluntary "round robin" gift exchange. Any member or guest who wants to take part in the exchange should bring one wrapped, untagged, gift valued under $10. The gift should be in good taste and gender neutral (suitable for either a man or a woman). Every participant's name goes into a hat. The first person selected opens any gift he/she wishes to open. Everyone thereafter can either open another gift or take an opened gift away from somebody else. If a person chooses to take a gift from somebody, *that* person can either open a wrapped gift or take a gift from a different person. The turn ends when a gift is opened. Then a new name is drawn from the hat to start the next turn. On any one "turn", you cannot take the same gift from somebody else. In other words, if you started a turn with a gizmo and somebody took it from you, you cannot end that *particular* turn in possession of the gizmo. (You might get the opportunity to steal it in a later turn, though!) The exchange ends when the last gift has been opened. This can take quite a while, and many belly laughs!

EBARC Membership Renewal

When you send in your EBARC renewal check, be sure to fill out all the details on the renewal form (from the September *Blown Fuse*). That way, information about you will be correct when it's printed in the 1999 club roster. Please send in your check before the end of 1998.

Fundraiser Reminder

EBARC is selling Entertainment Books again this year. It's $40 for the Greater East Bay edition and $25 for the Solano County edition. The club keeps $8 from each sale. To get one, contact Fred Nieman, KC6VLL, at 510-223-1748. They make wonderful gifts!

EBARC Roster Update

- **NEW MEMBER:** EBARC welcomes Sylvan L. Goldberg, W8JSN. He has a General ticket, and likes HF, SSB, CW and ragchewing. He lives at 8519 Roberta Dr., El Cerrito, 94530. His e-mail address is badboysyl@aol.com, and his phone is 510-528-1304.

Looking Back
Ron Smith, KE6HKQ, Historian

Here is the reply from EBARC to the Shimada HAM Club *[See the September 1998 Blown Fuse – Ed.]* It was printed in the March, 1987 *Blown Fuse*

"To the Radio Amateurs of Shimada HAM Club:

"Thank you for your message commemorating the twenty-fifth (25th) anniversary of the sister city affiliation between Richmond and Shimada, and your greetings to the members of the East Bay Amateur Radio Club.

"We welcome the news you provide of the many activities among the HAM circle in Shimada-shi, and would like to describe some of our activities here in Richmond, California. We have over 80 licensed hams in the East Bay Amateur Radio Club, and support two club stations at the Salvation Army in Richmond (W6EJA Memorial Station) and the Richmond Headquarters of the American Red Cross (WA6JSO Memorial Station). These stations are emergency powered and ready for disaster communications when called on by the community. We possess HF and VHF communications capability at each station and the club has been instrumental in building up a packet radio mailbox (W6CUS-1), one of the most significant in Northern California.

"Club members have provided many hours of public service work, and have provided communications for the Salvation Army during the Mexican and Coalinga earthquakes, the American Red Cross during last winter's Northern California floods, and other organizations such as the California Department of Forestry, county blood bank, and RACES groups.

"We enjoyed your letter of description of Shimada HAM circle events, and hope that we can contact one another again in the future, in particular through packet radio via the Japanese amateur satellite JAS-1.

"To the HAMS of Shimada, Best Wishes from the members of the East Bay Amateur Radio Club of Richmond, California.

73 de W6CUS
February 13, 1987"

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, 510-447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions, first Sunday in every odd-numbered month (except holidays). The next exam is Jan. 3rd. For more info, call 510-741-8227.
- EBARC/4Cs Holiday Party, Sunday, Dec. 13th, 11:30 a.m. – 4:30 p.m., at Rod's Hickory Pit, Vallejo. For tickets ($15 per person), contact Barbara or Robbie at 510-222-4990.

50-Year Plaque from ARRL

On the next page is a copy of the citation commemorating EBARC's 50 years of ARRL affiliation. It was presented at Pacificon by Brad Wyatt to club past President Greg Small, KD6SXH. The citation (with its wooden plaque) will be proudly displayed at the Club Station.

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The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, e-mail to w6cus@juno.com, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

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Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		147.57s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Elmers Net	Thurs	2000	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930		145.410
"Going Home Group"	Mo-Fr	1600	(PL 82.5)	145.110

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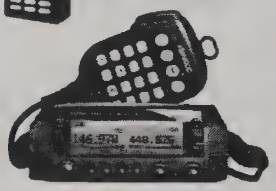

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THE EAST BAY AMATEUR RADIO CLUB, INC.

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CLUB STATION W6CUS

VOLUME LI NUMBER 12 DECEMBER 1998

EBARC Meeting

December 11, 1998
7:00 p.m.

Round Robin Gift Exchange
Potluck Dessert Party
Installation of 1999 Officers

The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets Friday December 4th at 7:30 p.m.
at the home of Martha Hurley, 137 Purdue Ave., Kensington

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

FIRST CLASS MAIL

Ronald A. Smith, ~~KE6HKQ~~ KE6[illegible]
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POSTMASTER:
Address Correction Requested

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Jan. issue: Dec. 21 (Monday!)

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

Message from the President
Roger Nelums, KE6SZG

Hello everyone. Well it is that time of the year when my term is coming to an end. I have enjoyed being President this past year. I have worked with many of you and consider it a privilege to have done so. I wish the best to our incoming president, John Wood. I know you all will give him your support, as you have in the past. Congratulations to all of the new officers. I wish you well. EBARC is a wonderful club.

Don't forget our Christmas party luncheon with the CCCC to be held at Hickory Pit in Vallejo. Please don't forget our gift exchange we will be having at our next club meeting on December 11th. We will be having a Potluck dessert, so bring your favorite dessert and share with us all.

Merry Christmas and Happy Holidays,
Thank you all again for everything!

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W6CUS Club Station Report
Ralph Hall, W6EFD

As a follow-up to my article in the last *Blown Fuse*, I am pleased to report that the club's linear amplifier continues to perform without flaw. Dr. Alan (K6SRZ) has used it to "rack up" many countries around the world since the B/O diodes were replaced. An article in a recent *Blown Fuse* mentioned that written instructions would be prepared which would assist less-experienced operators in "firing up" and using the club's linear amp. Those instructions, a combined effort by Sharon (AA6XZ) and myself, are now complete, and are contained in a clearly-identified folder which is kept in the pull-out drawer under the operating table below the linear.

I didn't personally see this, but I understand the instructions are so clearly prepared that Sharon went to the club station, put on a

blindfold, and successfully put the linear on the air ----- wonder how she did that????? *[I'll never tell! – Editor.]*

The instructions, written in basic language, are intended for club members of any experience level, including those who have never before operated the club's linear amp. Regardless of experience level, we encourage club members wishing to operate at power levels above the usual transceiver's 100 watt output to become acquainted with the linear amp and to make use of it, just as we encourage use of all of the other club facilities we have. Our club facilities are owned equally by all club members in good standing. We should use them. Don't be overly concerned about accidently misusing equipment --- repairs are usually possible.

A probably unnecessary reminder: those holding license privileges less than General Class must limit the linear's RF output to 200 watts or less as indicated by the FORWARD needle on the antenna tuner (be sure you are reading the proper scale: that is, the 200 watt or 2000 watt scale.) The written instructions will help in doing this.

Anyone wishing to do so, but perhaps hesitant to attempt using the linear unsupervised, can contact the Club Station Chairperson who will help you "learn the ropes".

Future EBARC Activities
John Wood, KF6HFA

During the Q&A sessions following the presentation on November 13th, it was asked that the major list of suggestions for possible things that could be done next year (or the years after) be printed in the *Blown Fuse*. The following is that list, edited to remove the setup and conclusion.

For those who were not in attendance at the November meeting, the following represents the bullets that were on the PowerPoint slides used in the presentation.

If anyone wants to discuss the following or to see that one of the following (or one of your own) be implemented, please call me at 234-0527, and we'll discuss it.

Continue as we Are
Field Day
Club Station
Teaching Prospective Hams
Ham License Exams

Improve our Field Day Performance
Develop Amateur Satellite Capability
Increase Participation
Develop strategies for maximizing score

Commit to Another Annual Event
Special Event Station Possiblitites:
Tri-Cities Safety Day
El Cerrito, July 4th Celebration (What other cities have annual gatherings?)
Annual Kite Flying Contest (Berkeley)

Support a Regional Ham Related Event or Capability
Provide Internet Connection for Local Hams
Fund a Repeater for NEAT Hams
Satellite Earth Station
Ham Test Generator on the EBARC Web Site.
Host an AMSAT conference
Amateur SETI station

Improve our Image in the Community
Offer a speaker to local PTA groups, churches, service clubs, etc.
Consider "Adopting" a region of freeway for cleanup.

Active Recruitment of New Hams
Wider Involvment in Local Schools
Support NEAT Community Communications
Advertise our club meetings and activities in popular Ham magazines.

[An additional suggestion from the membership was to reactivate our former involvement with Shimada hams. Shimada, Japan is Richmond's sister city. – Editor]

Treasurer's Report
October, 1998
Gordon Parsons, NU6W, Treasurer

OCTOBER INCOME

New Member: S. Goldberg, W8JSN	$20.00
Family Renewals AB6WJ/KO6XP:	24.00
Regular Renewals WD6GGD, KF6JRO, KF6HEN, KD6SXH, KD6SWU, KB6WC, W1ZJ:	140.00
Station Fund Can:	4.00
Refreshment Kitty:	11.75
Raffle Ticket Sales:	25.00
Total October Income	$224.75

OCTOBER DISBURSEMENTS

City of Albany (room rental)	$40.00
W6CUS digitial multitester (R. Hall)	150.21
Flyers (S. Watson)	48.71
Pacific Bell (W6CUS station)	17.32
Total October Disbursements	$256.24

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$708.24
Savings (Station Fund*)	$1,644.14

*$429.23 belongs to the General Fund.

We are now collecting membership dues for 1999, $20 for individuals, and $24 for families. Please write your call sign on your check, so that I will not have to look it up. Please plan to pay your dues by the end of 1998. Thanks,

General Meeting Minutes
November 13, 1998
Gayle "Burgie" Jones, Secretary

The meeting was called to order at 7:30 p.m. Minutes were approved as published in the October *Blown Fuse*.

A greeting card for Martha Hurley, custom-made by John Billones, was circulated for members to sign. It will be presented to Martha at our December 4th Executive Committee meeting, as a thank-you to Martha for hosting the meeting at her house.

Vern will assist with the CCCC/EBARC Christmas party in December, to be held at *The Hictory Pit* in Vallejo. The EBARC gift exchange for will held at our next meeting on December 11, 1998. We will have a potluck dessert.

Please send in your membership renewals to Gordy so Sharon can make an up-to-date roster. Gordy gave his Treasurer's report for the month of October.

John Wood will be giving a class at his home on "How to Program Your HT". It will consist of three Tuesdays. Please give John a call if you are interested.

John Wood made a motion that we donate $100.00 to Red Cross to send to Honduras to help with the disaster they just sustained. It was seconded and approved by those present. Additional donations were taken from EBARC members.

The nominations were opened for 1999 officers for the club. It was moved and seconded that the nominated slate of officers be elected by acclamation. The motion was approved. Congratulations to all! (President, John Wood, KF6HFA; 1st

Vice President, Alan Eshleman, K6SRZ; 2nd Vice President, Mike Camp, KI7FQ; 3rd Vice President, Sharon Primbsch, AA6XZ; Treasurer, Gordy Parsons, NU6W; and Secretary, Midge Wood, KF6OGC).

Treasurer's Report
November, 1998
Gordon Parsons, NU6W, Treasurer

NOVEMBER INCOME

Regular Renewals KE6ZFP, AC6WF, KQ6OX, WI7YN, N6ASB, W6QNT, KF6OGA, WB6DXZ, FK6KWJ:	$180.00
Family Renewals KE6MRH/KI7FQ, KF6BYN/KF6BYM/KF6OFZ, KF6HFA/KF6OGC:	72.00
Field Day Patch	3.50
ARRL Renewal (R.C. Smith)	28.00
Refreshment Kitty	14.00
Station Fund Can:	7.00
Raffle Ticket Sales:	39.00
American Red Cross Collection	461.00
Total November Income	$804.50

NOVEMBER DISBURSEMENTS

Calif. Secty. of State (filing fee)	$10.00
Income Tax Preparation (A. Streit)	100.00
Blown Fuse Postage (Oct.)	38.40
Blown Fuse Printing (Oct.)	51.42
Blown Fuse Postage (Nov.)	36.16
Blown Fuse Printing (Nov.)	40.27
City of Albany (room rental)	40.00
Refreshments (R. Fraatz)	29.12
Pacific Bell (W6CUS station)	18.12
Club Picnic (F. Nieman)	82.80
ARRL Renewal (R.C. Smith)	26.00
American Red Cross (Central American Relief Donation)	461.00
Total Nov. Disbursements	$933.29

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$533.45
Savings (Station Fund*)	$1,690.15

*$429.23 belongs to the General Fund.

EBARC members were very generous in donating $461 to the American Red Cross for the relief of Hurricane Mitch disaster victims in Central America. Gracias to all.

We are now collecting 1999 membership dues. Please pay your dues ($20 individual or $24 family) at the next club meeting or mail a check to our box (see the cover of the *Blown Fuse*).

Remember to feed the kitty!

Class for HT Programming
John Wood, KF6HFA

I am offering a class for hams who need some instruction in HT operation. Emphasis will be on programming, including frequencies, PL, etc. We will start by using simplex frequencies and graduate to operating via repeaters. You will be able to program a simplex frequency and make a QSO with it the first evening. You should be able to do a total reset on your HT and to reprogram whatever frequencies you want by the end of the third class.

The class will focus on the operation of current model HTs, ones with built-in computers and LOTS of options. The major hint is: if it has an "F" or "FUNC" key, then it will be covered. Check with me if you are not sure.

Each person should have an HT (with charged batteries) and should bring it and its instruction manual to all classes. If you do not have an instruction manual, please attempt to get one for the class. Let me know if you cannot find one. Please, also bring a notebook or notepad.

The class will be held on three consecutive Tuesdays starting January 5, 1999. It runs

from 6:30 to 8:30 p.m. at my home at 5948 Fern Street, El Cerrito. If you are interested and have not already given me your name, please register by calling me at 234-0527 or by sending e-mail to wood@iname.com. There is no charge for the class.

CW Class

Jamie Wasson, AB6WJ

If you're interested in EBARC's class to learn either 5 wpm or 13 wpm Morse Code, e-mail photo@dnai.com or call 336-1120.

EBARC December Meeting and Gift Exchange

Don't forget about the "round robin" gift exchange at our Dec. 11th EBARC meeting. Any member or guest who wants to take part in the exchange should bring one wrapped, untagged, gift valued under $10. The rules were printed in last month's *Blown Fuse*. Bring a potluck dessert to share, if you can. If you decide not to play the game, come anyway (for dessert and to share the laughter). The installation of 1999 officers will also happen at this meeting.

December 4th Board Meeting Location!

The December 4th EBARC Executive Board meeting is at Martha Hurley's residence, not at the club station! As usual, any EBARC member is welcome to attend a Board meeting. See the front of the *Blown Fuse* for the address.

Fundraiser Reminder

EBARC is selling Entertainment Books again this year. It's $40 for the Greater East Bay edition and $25 for the Solano County edition. The club keeps $8 from each sale. To get one, contact Fred Nieman, KC6VLL, at 510-223-1748. They make wonderful gifts!

EBARC Roster Update

- **UPGRADE:** Bob Blohm, KE6ZWO, recently upgraded to Advanced.
- **NEW CALL SIGN:** Ron Smith, formerly KE6HKQ, has a new call sign, KE6RS.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, 510-447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions, first Sunday in every odd-numbered month (except holidays). The next exam is Jan. 3rd. For more info, call 510-741-8227.
- EBARC/4Cs Holiday Party, Sunday, Dec. 13th, 11:30 a.m. – 4:30 p.m., at Rod's Hickory Pit, Vallejo. For tickets ($15 per person), contact Barbara or Robbie at 510-222-4990.

"The wireless telegraph is not difficult to understand. The ordinary telegraph is like a very long cat. You pull the tail in New York, and it meows in Los Angeles. The wireless is the same, only without the cat."

— Albert Einstein

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, e-mail to w6cus@juno.com, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1998 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

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Mike Camp KI7FQ, 2nd VP - Hospitality Chair 524-0723
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor 741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair... 785-4290
Gayle "Burgie" Jones, KE6MSF, Secretary 222-3672
Ralph Hall W6EFD, W6CUS trustee / Club Station Chair 232-0727
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Ron Smith, KE6RS, Historian 724-5099
Fred Nieman KC6VLL, Member-at-Large 223-1748
Leo Lewis WA6ZFV, Member-at-Large 233-5034
John Billones WD6GGC, Member-at-Large 237-1272

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME		FREQ, MHZ
EBARC Slow CW Net	Weds	2030		21.115
EBARC SSB Net	Weds	2100		28.395
No. Calif. VHF National Traffic System Net	Daily	2030		145.210
Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		147.57s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Elmers Net	Thurs	2000	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930		145.410
"Going Home Group"	Mo-Fr	1600	(PL 82.5)	145.110

ARES/RACES EC - West CoCoCo. Rich Parker KD6JCT home: 237-2777, beeper: 873-7363, cell phone: 499-4557. Frequencies: #1=145.110-, #2=147.570s.

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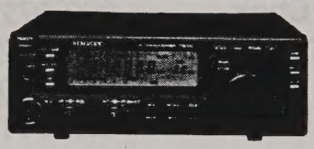

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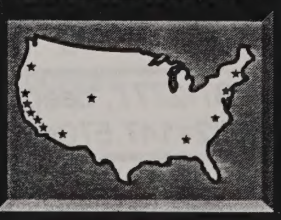

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